

SEVERN
TRENT

STL®

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ANALYTICAL REPORT

Langan/AE Polysilicon Site

Lot #: C7E160127

Judd Herr

Langan Engineering & Environment
2700 Kelly Road
Suite 200
Warrington, PA 18976

SEVERN TRENT LABORATORIES, INC.


Kathryn L. Bort
Project Manager

June 12, 2007

STL



NELAC REPORTING:

The format and content of the attached report meets NELAC standards and guidelines except as noted in the narrative. The table below presents a summary of the certifications held by STL Pittsburgh. Our primary accreditation authority for the Non-potable water and Solid & Hazardous waste programs is Pennsylvania DEP. A more detailed parameter list is available upon request. Please ask your project manager for this information when required.

Certifying State/Program	Certificate #	Program Types	STL Pittsburgh
NFESC	NA	NAVY	X
USACE	NA	Corps of Engineers	X
US Dept of Agriculture	(#S-46425)	Foreign Soil Import Permit	X
Arkansas	(#03-022-1)	WW HW	X X
California – nelac	04224CA	WW HW	X X
Connecticut	(#PH-0688)	WW HW	X X
Florida – nelac	(#E87660)	WW HW	X X
Illinois – nelac	(#200005)	WW HW	X X
Kansas – nelac	(#E-10350)	WW HW	X X
Louisiana – nelac	(#93200)	WW HW	X X
New Hampshire – nelac	(#203002)	WW --	X --
New Jersey – nelac	(PA-005)	WW HW	X X
New York – nelac	(#11182)	WW HW	X X
North Carolina	(#434)	WW HW	X X
Ohio Vap	(#CL0063)	WW HW	X X
Pennsylvania - nelac	(#02-00416)	WW HW	X X
South Carolina	(#89014001)	WW HW	X X
Utah – nelac	(STLP)	WW HW	X X
West Virginia	(#142)	WW HW	X X
Wisconsin	998027800	WW HW	X X

The codes utilized for program types are described below:

- HW Hazardous Waste certification
- WW Non-potable Water and/or Wastewater certification
- X Laboratory has some form of certification under the specific program. Many states certify laboratories for specific parameters or tests within a category. The information in the table indicates the lab is certified in a general category of testing. Please contact the laboratory if parameter specific certification information is required.

Updated: 04/27/06

CASE NARRATIVE

Langan

STL Lot # C7E160127

Sample Receiving:

STL Pittsburgh received one sample on May 16, 2007. The cooler was received within the proper temperature range.

If project specific QC was not required for samples contained in this report, and batch QC was completed on these samples, anomalous results are discussed below.

GC/MS Volatiles:

All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the “best-fit” evaluation.

The following compounds had the %D > 25% in the calibration verification standard CC30519; but were within the expected performance range for these compounds: 1,1,2-Trichloro-1,2,2-trifluoroethane -31.0% and Chloroethane 32.7%.

The following compounds had the %D > 25% in the calibration verification standard CC6052507; but were within expected performance range for these compounds: 1,1,2-Trichloro-1,2,2-trifluoroethane 28.0%, 2-Butanone -34.7%, 2-Hexanone -31.7% and Cyclohexane 28.3%.

GC/MS Semivolatiles:

All non-CCC compounds that have >15% RSD were evaluated to see if a better curve could be drawn using a quadratic curve. All compounds <30% RSD will use an average response factor curve if no visible improvement is accomplished using a quadratic curve. A quadratic curve will be used for a compound where it is determined to be the “best-fit” evaluation.

The reporting limits for the aqueous sample were adjusted according to the amount of sample extracted.

GC/MS Semivolatiles SIM:

The samples required both full scan 8270 and SIM analysis. The samples were analyzed from a single extract. The samples were spiked with regular 8270 surrogate and matrix spiking solutions. The QC establishing extraction performance is reported from the full scan 8270 analysis. The spike data is above the calibration range for the SIM analysis. These spikes would therefore not be expected to be within range for the SIM analysis and are therefore not reported on the SIM result forms. The injection performance on the SIM analysis may be monitored through the IS recoveries. The surrogate information is also available for qualitative review in the raw SIM data.

CASE NARRATIVE

Langan

STL Lot # C7E160127

GC/MS Semivolatiles SIM cont.:

The reporting limits for the aqueous sample were adjusted according to the amount of sample extracted.

Due to the concentration of compounds detected, AETP-2_14.4-15.0 was analyzed at a dilution.

PCBs:

The reporting limits for the aqueous sample were adjusted according to the amount of sample extracted.

Metals:

The method blanks had analytes detected at concentrations between the MDL and the reporting limit. The results were flagged with a "B" qualifier. Any sample associated with a method blank that had the same analyte detected had the result flagged with a "J" qualifier.

The matrix spike and matrix spike duplicate were below control limits for antimony.

General Chemistry:

There were no problems associated with the analysis.

METHODS SUMMARY

C7E160127

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>	<u>PREPARATION METHOD</u>
ICP-MS (6020)	SW846 6020	SW846 3010
ICP-MS (6020)	SW846 6020	SW846 3050B
Mercury in Liquid Waste (Manual Cold-Vapor)	SW846 7470A	SW846 7470A
Mercury in Solid Waste (Manual Cold-Vapor)	SW846 7471A	SW846 7471A
PCBs by SW-846 8082	SW846 8082	SW846 3510C
PCBs by SW-846 8082	SW846 8082	SW846 3541
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3520C
Semivolatile Organic Compounds by GC/MS	SW846 8270C	SW846 3541
Total Residue as Percent Solids	MCAWW 160.3 MOD	MCAWW 160.3 MOD
Volatile Organics by GC/MS	SW846 8260B	SW846 5030B/826
Volatile Organics by GC/MS	SW846 8260B	SW846 5035
8270C (SIM)	SW846 8270C SIM	SW846 3520C
8270C (SIM)	SW846 8270C SIM	SW846 3541

References:

- MCAWW "Methods for Chemical Analysis of Water and Wastes", EPA-600/4-79-020, March 1983 and subsequent revisions.
- SW846 "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 and its updates.

SAMPLE SUMMARY

C7E160127

WO #	SAMPLE#	CLIENT SAMPLE ID	SAMPLED DATE	SAMP TIME
JW2NK	001	AETP-6_1.5-2.0	05/15/07	07:40
JW2NM	002	DUP-3	05/15/07	
JW2NN	003	AETP-6_14.5-15.0	05/15/07	08:25
JW2NT	004	FB-5	05/15/07	08:35
JW2NV	005	TB-5	05/15/07	08:40
JW2NX	006	AETP-5_1.5-2.0	05/15/07	10:10
JW2N0	007	AETP-5_14.5-15.0	05/15/07	10:45
JW2N1	008	AETP-2_1.5-2.0	05/15/07	13:15
JW2N3	009	AETP-2_14.4-15.0	05/15/07	14:08

NOTE (S) :

- The analytical results of the samples listed above are presented on the following pages.
- All calculations are performed before rounding to avoid round-off errors in calculated results.
- Results noted as "ND" were not detected at or above the stated limit.
- This report must not be reproduced, except in full, without the written approval of the laboratory.
- Results for the following parameters are never reported on a dry weight basis: color, corrosivity, density, flashpoint, ignitability, layers, odor, paint filter test, pH, porosity pressure, reactivity, redox potential, specific gravity, spot tests, solids, solubility, temperature, viscosity, and weight.

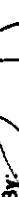
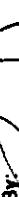
ELANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

CHAIN OF CUSTODY RECORD / ANALYSIS REQUEST

PAGE / OF /

ANALYSIS REQUESTED										Comments CA-E160/27
Sample Number	Location	Depth	Date	Time	Matrix	Grab Comp.	Inorg/PHC	No. of Preserves.	Cont.	
045	AETP-6	1.5-2	5-15-01	740	Sol	Grabs	None	5		AETP-6
046	DTP-3	—	5-15-01	—	Sol	Grabs	None	5		DTP-3
047	AETP-6	1.5-2	5-15-01	825	Sol	Grabs	None	5		AETP-6
048	FB-5	—	5-15-01	835	AQ	Grabs	Hg/HgO ₂	7		FB-5
049	TB-5	—	5-15-01	840	AQ	—	Hg	2		TB-5
050	AETP-5	1.5-2	5-15-01	1010	Sol	Grabs	None	5		AETP-5
051	AETP-5	1.5-2	5-15-01	1045	Sol	Grabs	None	5		AETP-5
052	AETP-2	1.5-2	5-15-01	1315	Sol	Grabs	None	5		AETP-2
053	AETP-2	1.5-2	5-15-01	1400	Sol	Grabs	None	5		AETP-2

Metals Filtered (Yes/No)? NA Total No. of Containers: 44 Must meet PADEP Standards & MSC's
 AQ. VOAs Pres. (Yes/No)? Yes All samples on ice
 Bush TA Report format: Contingent analysis: STANDARDS TA

Relinquished By: 	DATE: 5/5/07 TIME: 4:45	Received By:  Company: General Tire & Rubber
(1)		
Relinquished By: 	DATE: 5/5/07 TIME: 4:45	Received By:  Company: General Tire & Rubber
(2)		
Relinquished By: 	DATE: 5/6/07 TIME: 10:25	Received By:  Company: S.T.C.
(3)		
Relinquished By: 	DATE: 5/6/07 TIME: 10:25	Received By:  Company: S.T.C.
(4)		

Laboratory Name & Address:

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_1.5-2.0

GC/MS Volatiles

Lot-Sample #....: C7E160127-001 Work Order #....: JW2NK1AA Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #:.....:
 Prep Date.....: 05/19/07 Analysis Date...: 05/20/07
 Prep Batch #....: 7140012 Analysis Time...: 03:04
 Dilution Factor: 0.99
 % Moisture.....: 7.9 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Acetone	ND	22	ug/kg
Benzene	ND	5.4	ug/kg
Bromodichloromethane	ND	5.4	ug/kg
Bromoform	ND	5.4	ug/kg
Bromomethane	ND	5.4	ug/kg
2-Butanone	ND	5.4	ug/kg
Carbon disulfide	ND	5.4	ug/kg
Carbon tetrachloride	ND	5.4	ug/kg
Chlorobenzene	ND	5.4	ug/kg
Chloroethane	ND	5.4	ug/kg
Chloroform	ND	5.4	ug/kg
Chloromethane	ND	5.4	ug/kg
Cyclohexane	ND	5.4	ug/kg
Dibromochloromethane	ND	5.4	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.4	ug/kg
1,2-Dibromoethane	ND	5.4	ug/kg
1,3-Dichlorobenzene	ND	5.4	ug/kg
1,4-Dichlorobenzene	ND	5.4	ug/kg
1,2-Dichlorobenzene	ND	5.4	ug/kg
Dichlorodifluoromethane	ND	5.4	ug/kg
1,1-Dichloroethane	ND	5.4	ug/kg
1,2-Dichloroethane	ND	5.4	ug/kg
1,1-Dichloroethene	ND	5.4	ug/kg
cis-1,2-Dichloroethene	ND	5.4	ug/kg
trans-1,2-Dichloroethene	ND	5.4	ug/kg
1,2-Dichloropropane	ND	5.4	ug/kg
cis-1,3-Dichloropropene	ND	5.4	ug/kg
trans-1,3-Dichloropropene	ND	5.4	ug/kg
Ethylbenzene	ND	5.4	ug/kg
2-Hexanone	ND	5.4	ug/kg
Isopropylbenzene	ND	5.4	ug/kg
Methyl acetate	ND	5.4	ug/kg
Methylene chloride	ND	5.4	ug/kg
Methylcyclohexane	ND	5.4	ug/kg
4-Methyl-2-pentanone	ND	5.4	ug/kg
Methyl tert-butyl ether	ND	5.4	ug/kg
Styrene	ND	5.4	ug/kg

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Client Sample ID: AETP-6_1.5-2.0

GC/MS Volatiles

Lot-Sample #....: C7E160127-001 Work Order #....: JW2NK1AA Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	5.4	ug/kg
1,2,4-Trichloro- benzene	ND	5.4	ug/kg
Tetrachloroethene	ND	5.4	ug/kg
1,1,1-Trichloroethane	ND	5.4	ug/kg
1,1,2-Trichloroethane	ND	5.4	ug/kg
Trichloroethene	ND	5.4	ug/kg
Trichlorofluoromethane	ND	5.4	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	5.4	ug/kg
Toluene	ND	5.4	ug/kg
Vinyl chloride	ND	5.4	ug/kg
Xylenes (total)	ND	16	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	83	(52 - 124)
Toluene-d8	104	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
Dibromofluoromethane	91	(68 - 121)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

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Client Sample ID: AETP-6_1.5-2.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-001 Work Order #....: JW2NK1AC Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138002
 Prep Date.....: 05/18/07 Analysis Date...: 06/09/07
 Prep Batch #....: 7138010 Analysis Time...: 09:14
 Dilution Factor: 1
 % Moisture.....: 7.9 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Acetophenone	ND	360	ug/kg
Atrazine	ND	360	ug/kg
Benzaldehyde	ND	360	ug/kg
1,1'-Biphenyl	23 J	360	ug/kg
bis(2-Chloroethoxy) methane	ND	360	ug/kg
bis(2-Chloroethyl)- ether	ND	360	ug/kg
bis(2-Ethylhexyl) phthalate	ND	360	ug/kg
4-Bromophenyl phenyl ether	ND	360	ug/kg
Butyl benzyl phthalate	ND	360	ug/kg
Caprolactam	ND	360	ug/kg
Carbazole	ND	360	ug/kg
4-Chloroaniline	ND	360	ug/kg
4-Chloro-3-methylphenol	ND	360	ug/kg
2-Chloronaphthalene	ND	360	ug/kg
2-Chlorophenol	ND	360	ug/kg
4-Chlorophenyl phenyl ether	ND	360	ug/kg
Dibenzofuran	29 J	360	ug/kg
3,3'-Dichlorobenzidine	ND	1700	ug/kg
2,4-Dichlorophenol	ND	360	ug/kg
Diethyl phthalate	ND	360	ug/kg
2,4-Dimethylphenol	ND	360	ug/kg
Dimethyl phthalate	ND	360	ug/kg
Di-n-butyl phthalate	ND	360	ug/kg
4,6-Dinitro- 2-methylphenol	ND	1700	ug/kg
2,4-Dinitrophenol	ND	1700	ug/kg
2,4-Dinitrotoluene	ND	360	ug/kg
2,6-Dinitrotoluene	ND	360	ug/kg
Di-n-octyl phthalate	ND	360	ug/kg
Hexachlorobenzene	ND	360	ug/kg
Hexachlorobutadiene	ND	360	ug/kg
Hexachlorocyclopenta- diene	ND	1700	ug/kg

(Continued on next page)

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Client Sample ID: AETP-6_1.5-2.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-001 Work Order #....: JW2NK1AC Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Hexachloroethane	ND	360	ug/kg
Isophorone	ND	360	ug/kg
2-Methylnaphthalene	210 J	360	ug/kg
2-Methylphenol	ND	360	ug/kg
4-Methylphenol	ND	360	ug/kg
2-Nitroaniline	ND	1700	ug/kg
3-Nitroaniline	ND	1700	ug/kg
4-Nitroaniline	ND	1700	ug/kg
Nitrobenzene	ND	360	ug/kg
2-Nitrophenol	ND	360	ug/kg
4-Nitrophenol	ND	1700	ug/kg
N-Nitrosodi-n-propyl-amine	ND	360	ug/kg
N-Nitrosodiphenylamine	ND	360	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	360	ug/kg
Pentachlorophenol	ND	1700	ug/kg
Phenol	ND	360	ug/kg
2,4,5-Trichloro-phenol	ND	360	ug/kg
2,4,6-Trichloro-phenol	ND	360	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4,6-Tribromophenol	41	(21 - 144)
2-Fluorobiphenyl	47	(26 - 128)
2-Fluorophenol	49	(34 - 115)
Nitrobenzene-d5	48	(30 - 118)
Phenol-d5	50	(35 - 117)
Terphenyl-d14	65	(40 - 115)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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Client Sample ID: AFTP-6_1.5-2.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-001 Work Order #....: JW2NK1AD Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138003
 Prep Date.....: 05/18/07 Analysis Date...: 05/19/07
 Prep Batch #....: 7138011 Analysis Time...: 11:32
 Dilution Factor: 1
 * Moisture.....: 7.9 Method.....: SW846 8270C SIM

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Naphthalene	29	7.2	ug/kg
Acenaphthylene	14	7.2	ug/kg
Acenaphthene	21	7.2	ug/kg
Fluorene	ND	7.2	ug/kg
Phenanthrene	110	7.2	ug/kg
Anthracene	5.7 J	7.2	ug/kg
Fluoranthene	11	7.2	ug/kg
Pyrene	7.2	7.2	ug/kg
Benzo(a)anthracene	6.6 J	7.2	ug/kg
Chrysene	6.5 J	7.2	ug/kg
Benzo(b)fluoranthene	10	7.2	ug/kg
Benzo(k)fluoranthene	4.3 J	7.2	ug/kg
Benzo(a)pyrene	9.0	7.2	ug/kg
Indeno(1,2,3-cd)pyrene	7.8	7.2	ug/kg
Dibenzo(a,h)anthracene	2.2 J	7.2	ug/kg
Benzo(ghi)perylene	10	7.2	ug/kg

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_1.5-2.0

GC Semivolatiles

Lot-Sample #....: C7E160127-001 Work Order #....: JW2NK1A7 Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7137253
 Prep Date.....: 05/17/07 Analysis Date...: 05/18/07
 Prep Batch #....: 7137436 Analysis Time...: 20:21
 Dilution Factor: 1
 % Moisture.....: 7.9 Method.....: SW846 8082

<u>PARAMETER</u>	<u>REPORTING</u>		
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>
Aroclor 1016	ND	18	ug/kg
Aroclor 1221	ND	18	ug/kg
Aroclor 1232	ND	18	ug/kg
Aroclor 1242	ND	18	ug/kg
Aroclor 1248	ND	18	ug/kg
Aroclor 1254	ND	18	ug/kg
Aroclor 1260	ND	18	ug/kg

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Tetrachloro-m-xylene	93	(31 - 127)
Decachlorobiphenyl	100	(23 - 141)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_1.5-2.0

TOTAL Metals

Lot-Sample #....: C7E160127-001

Matrix.....: SO

Date Sampled...: 05/15/07

Date Received...: 05/16/07

% Moisture.....: 7.9

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 7136252							
Silver	ND	0.11	mg/kg	SW846 6020	Analysis Time...: 17:16	05/17-05/28/07	JW2NK1AF
		Dilution Factor: 1				MS Run #.....:	7136138
Arsenic	2.8	0.11	mg/kg	SW846 6020	Analysis Time...: 17:16	05/17-05/28/07	JW2NK1AH
		Dilution Factor: 1				MS Run #.....:	7136138
Beryllium	0.25	0.11	mg/kg	SW846 6020	Analysis Time...: 17:16	05/17-05/28/07	JW2NK1AK
		Dilution Factor: 1				MS Run #.....:	7136138
Cadmium	0.068 B	0.11	mg/kg	SW846 6020	Analysis Time...: 17:16	05/17-05/28/07	JW2NK1AM
		Dilution Factor: 1				MS Run #.....:	7136138
Chromium	7.2	0.22	mg/kg	SW846 6020	Analysis Time...: 17:16	05/17-05/28/07	JW2NK1AP
		Dilution Factor: 1				MS Run #.....:	7136138
Copper	7.8	0.22	mg/kg	SW846 6020	Analysis Time...: 17:16	05/17-05/28/07	JW2NK1AQ
		Dilution Factor: 1				MS Run #.....:	7136138
Nickel	10.1	0.11	mg/kg	SW846 6020	Analysis Time...: 17:16	05/17-05/28/07	JW2NK1AX
		Dilution Factor: 1				MS Run #.....:	7136138
Lead	5.1	0.11	mg/kg	SW846 6020	Analysis Time...: 17:16	05/17-05/28/07	JW2NK1A0
		Dilution Factor: 1				MS Run #.....:	7136138
Selenium	0.22 B	0.54	mg/kg	SW846 6020	Analysis Time...: 17:16	05/17-05/28/07	JW2NK1A1
		Dilution Factor: 1				MS Run #.....:	7136138
Thallium	0.035 B,J	0.11	mg/kg	SW846 6020	Analysis Time...: 17:16	05/17-05/28/07	JW2NK1A2
		Dilution Factor: 1				MS Run #.....:	7136138
Antimony	0.041 B	0.22	mg/kg	SW846 6020	Analysis Time...: 17:16	05/17-05/28/07	JW2NK1A3
		Dilution Factor: 1				MS Run #.....:	7136138
Zinc	25.2	0.54	mg/kg	SW846 6020	Analysis Time...: 17:16	05/17-05/28/07	JW2NK1A5
		Dilution Factor: 1				MS Run #.....:	7136138

(Continued on next page)

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_1.5-2.0

TOTAL Metals

Lot-Sample #....: C7E160127-001

Matrix.....: SO

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS	METHOD			
Prep Batch #....:	7157020						
Mercury	0.017 B	0.036	mg/kg	SW846 7471A	06/06/07	JW2NK1A6	
		Dilution Factor:	1	Analysis Time...: 10:12	MS Run #.....:	7157011	

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Svcs

Client Sample ID: AKTP-6_1.5-2.0

General Chemistry

Lot-Sample #....: C7E160127-001 Work Order #....: JW2NK Matrix.....: SO
Date Sampled...: 05/15/07 Date Received..: 05/16/07
% Moisture.....: 7.9

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-	PREP
			%		ANALYSIS DATE	BATCH #
Percent Solids	92.1			MCAWW 160.3 MOD	05/16-05/17/07	7136243
		Dilution Factor:	1	Analysis Time..: 13:01	MS Run #.....:	7136132

Langan Engineering & Environmental Svcs

Client Sample ID: DUP-3

GC/MS Volatiles

Lot-Sample #....: C7E160127-002 Work Order #....: JW2NM1AK Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....:
 Prep Date.....: 05/19/07 Analysis Date...: 05/20/07
 Prep Batch #....: 7140012 Analysis Time...: 03:28
 Dilution Factor: 1.02
 % Moisture.....: 8.8 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	22	ug/kg
Benzene	ND	5.6	ug/kg
Bromodichloromethane	ND	5.6	ug/kg
Bromoform	ND	5.6	ug/kg
Bromomethane	ND	5.6	ug/kg
2-Butanone	ND	5.6	ug/kg
Carbon disulfide	ND	5.6	ug/kg
Carbon tetrachloride	ND	5.6	ug/kg
Chlorobenzene	ND	5.6	ug/kg
Chloroethane	ND	5.6	ug/kg
Chloroform	ND	5.6	ug/kg
Chloromethane	ND	5.6	ug/kg
Cyclohexane	ND	5.6	ug/kg
Dibromochloromethane	ND	5.6	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.6	ug/kg
1,2-Dibromoethane	ND	5.6	ug/kg
1,3-Dichlorobenzene	ND	5.6	ug/kg
1,4-Dichlorobenzene	ND	5.6	ug/kg
1,2-Dichlorobenzene	ND	5.6	ug/kg
Dichlorodifluoromethane	ND	5.6	ug/kg
1,1-Dichloroethane	ND	5.6	ug/kg
1,2-Dichloroethane	ND	5.6	ug/kg
1,1-Dichloroethene	ND	5.6	ug/kg
cis-1,2-Dichloroethene	ND	5.6	ug/kg
trans-1,2-Dichloroethene	ND	5.6	ug/kg
1,2-Dichloropropane	ND	5.6	ug/kg
cis-1,3-Dichloropropene	ND	5.6	ug/kg
trans-1,3-Dichloropropene	ND	5.6	ug/kg
Ethylbenzene	ND	5.6	ug/kg
2-Hexanone	ND	5.6	ug/kg
Isopropylbenzene	ND	5.6	ug/kg
Methyl acetate	ND	5.6	ug/kg
Methylene chloride	ND	5.6	ug/kg
Methylcyclohexane	ND	5.6	ug/kg
4-Methyl-2-pentanone	ND	5.6	ug/kg
Methyl tert-butyl ether	ND	5.6	ug/kg
Styrene	ND	5.6	ug/kg

(Continued on next page)

Langan Engineering & Environmental Svcs

Client Sample ID: DUP-3

GC/MS Volatiles

Lot-Sample #....: C7E160127-002 Work Order #....: JW2NM1AK Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	5.6	ug/kg
1,2,4-Trichloro- benzene	ND	5.6	ug/kg
Tetrachloroethene	ND	5.6	ug/kg
1,1,1-Trichloroethane	ND	5.6	ug/kg
1,1,2-Trichloroethane	ND	5.6	ug/kg
Trichloroethene	ND	5.6	ug/kg
Trichlorofluoromethane	ND	5.6	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	5.6	ug/kg
Toluene	ND	5.6	ug/kg
Vinyl chloride	ND	5.6	ug/kg
Xylenes (total)	ND	17	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	96	(52 - 124)
Toluene-d8	107	(72 - 127)
4-Bromofluorobenzene	111	(63 - 120)
Dibromofluoromethane	101	(68 - 121)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: DUP-3

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-002 Work Order #....: JW2NM1AL Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138002
 Prep Date.....: 05/18/07 Analysis Date...: 06/09/07
 Prep Batch #....: 7138010 Analysis Time...: 09:36
 Dilution Factor: 1
 % Moisture.....: 8.8 Method.....: SW846 8270C

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Acetophenone	ND	360	ug/kg
Atrazine	ND	360	ug/kg
Benzaldehyde	ND	360	ug/kg
1,1'-Biphenyl	ND	360	ug/kg
bis(2-Chloroethoxy) methane	ND	360	ug/kg
bis(2-Chloroethyl)- ether	ND	360	ug/kg
bis(2-Ethylhexyl) phthalate	ND	360	ug/kg
4-Bromophenyl phenyl ether	ND	360	ug/kg
Butyl benzyl phthalate	ND	360	ug/kg
Caprolactam	ND	360	ug/kg
Carbazole	ND	360	ug/kg
4-Chloroaniline	ND	360	ug/kg
4-Chloro-3-methylphenol	ND	360	ug/kg
2-Chloronaphthalene	ND	360	ug/kg
2-Chlorophenol	ND	360	ug/kg
4-Chlorophenyl phenyl ether	ND	360	ug/kg
Dibenzofuran	ND	360	ug/kg
3,3'-Dichlorobenzidine	ND	1800	ug/kg
2,4-Dichlorophenol	ND	360	ug/kg
Diethyl phthalate	ND	360	ug/kg
2,4-Dimethylphenol	ND	360	ug/kg
Dimethyl phthalate	ND	360	ug/kg
Di-n-butyl phthalate	ND	360	ug/kg
4,6-Dinitro- 2-methylphenol	ND	1800	ug/kg
2,4-Dinitrophenol	ND	1800	ug/kg
2,4-Dinitrotoluene	ND	360	ug/kg
2,6-Dinitrotoluene	ND	360	ug/kg
Di-n-octyl phthalate	ND	360	ug/kg
Hexachlorobenzene	ND	360	ug/kg
Hexachlorobutadiene	ND	360	ug/kg
Hexachlorocyclopenta- diene	ND	1800	ug/kg

(Continued on next page)

Langan Engineering & Environmental Svcs

Client Sample ID: DUP-3

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-002 Work Order #....: JW2NM1AL Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Hexachloroethane	ND	360	ug/kg
Isophorone	ND	360	ug/kg
2-Methylnaphthalene	ND	360	ug/kg
2-Methylphenol	ND	360	ug/kg
4-Methylphenol	ND	360	ug/kg
2-Nitroaniline	ND	1800	ug/kg
3-Nitroaniline	ND	1800	ug/kg
4-Nitroaniline	ND	1800	ug/kg
Nitrobenzene	ND	360	ug/kg
2-Nitrophenol	ND	360	ug/kg
4-Nitrophenol	ND	1800	ug/kg
N-Nitrosodi-n-propyl- amine	ND	360	ug/kg
N-Nitrosodiphenylamine	ND	360	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	360	ug/kg
Pentachlorophenol	ND	1800	ug/kg
Phenol	ND	360	ug/kg
2,4,5-Trichloro- phenol	ND	360	ug/kg
2,4,6-Trichloro- phenol	ND	360	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4,6-Tribromophenol	61	(21 - 144)
2-Fluorobiphenyl	56	(26 - 128)
2-Fluorophenol	61	(34 - 115)
Nitrobenzene-d5	56	(30 - 118)
Phenol-d5	63	(35 - 117)
Terphenyl-d14	77	(40 - 115)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: DUP-3

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-002 Work Order #....: JW2NM1AM Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138003
 Prep Date.....: 05/18/07 Analysis Date...: 05/19/07
 Prep Batch #....: 7138011 Analysis Time...: 12:01
 Dilution Factor: 1
 % Moisture.....: 8.8 Method.....: SW846 8270C SIM

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Naphthalene	ND	7.3	ug/kg
Acenaphthylene	ND	7.3	ug/kg
Acenaphthene	ND	7.3	ug/kg
Fluorene	ND	7.3	ug/kg
Phenanthrene	4.6 J	7.3	ug/kg
Anthracene	ND	7.3	ug/kg
Fluoranthene	11	7.3	ug/kg
Pyrene	8.0	7.3	ug/kg
Benzo(a)anthracene	7.6	7.3	ug/kg
Chrysene	7.5	7.3	ug/kg
Benzo(b)fluoranthene	10	7.3	ug/kg
Benzo(k)fluoranthene	3.5 J	7.3	ug/kg
Benzo(a)pyrene	8.1	7.3	ug/kg
Indeno(1,2,3-cd)pyrene	6.3 J	7.3	ug/kg
Dibenzo(a,h)anthracene	1.9 J	7.3	ug/kg
Benzo(ghi)perylene	7.8	7.3	ug/kg

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Svcs

Client Sample ID: DUP-3

GC Semivolatiles

Lot-Sample #....: C7E160127-002	Work Order #....: JW2NM1AJ	Matrix.....: SO
Date Sampled....: 05/15/07	Date Received..: 05/16/07	MS Run #.....: 7137253
Prep Date.....: 05/17/07	Analysis Date...: 05/18/07	
Prep Batch #....: 7137436	Analysis Time...: 21:30	
Dilution Factor: 1		
% Moisture.....: 8.8	Method.....: SW846 8082	

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	
		<u>LIMIT</u>	<u>UNITS</u>
Aroclor 1016	ND	18	ug/kg
Aroclor 1221	ND	18	ug/kg
Aroclor 1232	ND	18	ug/kg
Aroclor 1242	ND	18	ug/kg
Aroclor 1248	ND	18	ug/kg
Aroclor 1254	ND	18	ug/kg
Aroclor 1260	ND	18	ug/kg

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	
		<u>RECOVERY</u>	<u>LIMITS</u>
Tetrachloro-m-xylene	92	(31 - 127)	
Decachlorobiphenyl	99	(23 - 141)	

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: DUP-3

TOTAL Metals

Lot-Sample #....: C7E160127-002

Matrix.....: SO

Date Sampled...: 05/15/07

Date Received...: 05/16/07

% Moisture.....: 8.8

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 7136252							
Silver	ND	0.11	mg/kg	SW846 6020	Analysis Time...: 17:33	05/17-05/28/07	JW2NM1AP
		Dilution Factor: 1				MS Run #.....:	7136138
Arsenic	3.3	0.11	mg/kg	SW846 6020	Analysis Time...: 17:33	05/17-05/28/07	JW2NM1AR
		Dilution Factor: 1				MS Run #.....:	7136138
Beryllium	0.28	0.11	mg/kg	SW846 6020	Analysis Time...: 17:33	05/17-05/28/07	JW2NM1AU
		Dilution Factor: 1				MS Run #.....:	7136138
Cadmium	0.082 B	0.11	mg/kg	SW846 6020	Analysis Time...: 17:33	05/17-05/28/07	JW2NM1AW
		Dilution Factor: 1				MS Run #.....:	7136138
Chromium	11.6	0.22	mg/kg	SW846 6020	Analysis Time...: 17:33	05/17-05/28/07	JW2NM1A0
		Dilution Factor: 1				MS Run #.....:	7136138
Copper	7.6	0.22	mg/kg	SW846 6020	Analysis Time...: 17:33	05/17-05/28/07	JW2NM1A1
		Dilution Factor: 1				MS Run #.....:	7136138
Nickel	10.3	0.11	mg/kg	SW846 6020	Analysis Time...: 17:33	05/17-05/28/07	JW2NM1A7
		Dilution Factor: 1				MS Run #.....:	7136138
Lead	5.8	0.11	mg/kg	SW846 6020	Analysis Time...: 17:33	05/17-05/28/07	JW2NM1AA
		Dilution Factor: 1				MS Run #.....:	7136138
Selenium	0.30 B	0.55	mg/kg	SW846 6020	Analysis Time...: 17:33	05/17-05/28/07	JW2NM1AC
		Dilution Factor: 1				MS Run #.....:	7136138
Thallium	0.031 B,J	0.11	mg/kg	SW846 6020	Analysis Time...: 17:33	05/17-05/28/07	JW2NM1AD
		Dilution Factor: 1				MS Run #.....:	7136138
Antimony	0.069 B	0.22	mg/kg	SW846 6020	Analysis Time...: 17:33	05/17-05/28/07	JW2NM1AE
		Dilution Factor: 1				MS Run #.....:	7136138
Zinc	25.8	0.55	mg/kg	SW846 6020	Analysis Time...: 17:33	05/17-05/28/07	JW2NM1AG
		Dilution Factor: 1				MS Run #.....:	7136138

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Client Sample ID: DUP-3

TOTAL Metals

Lot-Sample #....: C7E160127-002

Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 7157020						
Mercury	0.013 B	0.036	mg/kg	SW846 7471A	06/06/07	JW2NMIAH
Dilution Factor: 1				Analysis Time...: 10:18	MS Run #.....: 7157011	

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Svcs

Client Sample ID: DUP-3

General Chemistry

Lot-Sample #....: C7E160127-002 Work Order #....: JW2NM Matrix.....: SO
Date Sampled...: 05/15/07 Date Received..: 05/16/07
% Moisture.....: 8.8

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-	PREP
					ANALYSIS DATE	BATCH #
Percent Solids	91.3		%	MCAWW 160.3 MOD	05/16-05/17/07	7136243
		Dilution Factor:	1	Analysis Time..: 13:01	MS Run #.....:	7136132

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_14.5-15.0

GC/MS Volatiles

Lot-Sample #....: C7E160127-003 Work Order #....: JW2NN1AK Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....:
 Prep Date.....: 05/19/07 Analysis Date...: 05/20/07
 Prep Batch #....: 7140012 Analysis Time...: 03:52
 Dilution Factor: 1.25
 % Moisture.....: 13 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING LIMIT	UNITS
Acetone	ND	29	ug/kg
Benzene	ND	7.2	ug/kg
Bromodichloromethane	ND	7.2	ug/kg
Bromoform	ND	7.2	ug/kg
Bromomethane	ND	7.2	ug/kg
2-Butanone	ND	7.2	ug/kg
Carbon disulfide	ND	7.2	ug/kg
Carbon tetrachloride	ND	7.2	ug/kg
Chlorobenzene	ND	7.2	ug/kg
Chloroethane	ND	7.2	ug/kg
Chloroform	ND	7.2	ug/kg
Chloromethane	ND	7.2	ug/kg
Cyclohexane	ND	7.2	ug/kg
Dibromochloromethane	ND	7.2	ug/kg
1,2-Dibromo-3-chloro-propane	ND	7.2	ug/kg
1,2-Dibromoethane	ND	7.2	ug/kg
1,3-Dichlorobenzene	ND	7.2	ug/kg
1,4-Dichlorobenzene	ND	7.2	ug/kg
1,2-Dichlorobenzene	ND	7.2	ug/kg
Dichlorodifluoromethane	ND	7.2	ug/kg
1,1-Dichloroethane	ND	7.2	ug/kg
1,2-Dichloroethane	ND	7.2	ug/kg
1,1-Dichloroethene	ND	7.2	ug/kg
cis-1,2-Dichloroethene	ND	7.2	ug/kg
trans-1,2-Dichloroethene	ND	7.2	ug/kg
1,2-Dichloropropane	ND	7.2	ug/kg
cis-1,3-Dichloropropene	ND	7.2	ug/kg
trans-1,3-Dichloropropene	ND	7.2	ug/kg
Ethylbenzene	ND	7.2	ug/kg
2-Hexanone	ND	7.2	ug/kg
Isopropylbenzene	ND	7.2	ug/kg
Methyl acetate	ND	7.2	ug/kg
Methylene chloride	ND	7.2	ug/kg
Methylcyclohexane	ND	7.2	ug/kg
4-Methyl-2-pentanone	ND	7.2	ug/kg
Methyl tert-butyl ether	ND	7.2	ug/kg
Styrene	ND	7.2	ug/kg

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Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_14.5-15.0

GC/MS Volatiles

Lot-Sample #....: C7E160127-003 Work Order #....: JW2NN1AK Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	
		<u>LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	7.2	ug/kg
1,2,4-Trichloro- benzene	ND	7.2	ug/kg
Tetrachloroethene	ND	7.2	ug/kg
1,1,1-Trichloroethane	ND	7.2	ug/kg
1,1,2-Trichloroethane	ND	7.2	ug/kg
Trichloroethene	ND	7.2	ug/kg
Trichlorofluoromethane	ND	7.2	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	7.2	ug/kg
Toluene	ND	7.2	ug/kg
Vinyl chloride	ND	7.2	ug/kg
Xylenes (total)	ND	22	ug/kg
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	
	<u>RECOVERY</u>	<u>LIMITS</u>	
1,2-Dichloroethane-d4	82	(52 - 124)	
Toluene-d8	99	(72 - 127)	
4-Bromofluorobenzene	97	(63 - 120)	
Dibromofluoromethane	89	(68 - 121)	

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_14.5-15.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-003 Work Order #....: JW2NN1AL Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138002
 Prep Date.....: 05/18/07 Analysis Date...: 06/09/07
 Prep Batch #....: 7138010 Analysis Time...: 09:58
 Dilution Factor: 1
 % Moisture.....: 13 Method.....: SW846 8270C

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	
		<u>LIMIT</u>	<u>UNITS</u>
Acetophenone	ND	380	ug/kg
Atrazine	ND	380	ug/kg
Benzaldehyde	ND	380	ug/kg
1,1'-Biphenyl	ND	380	ug/kg
bis(2-Chloroethoxy) methane	ND	380	ug/kg
bis(2-Chloroethyl)- ether	ND	380	ug/kg
bis(2-Ethylhexyl) phthalate	ND	380	ug/kg
4-Bromophenyl phenyl ether	ND	380	ug/kg
Butyl benzyl phthalate	ND	380	ug/kg
Caprolactam	ND	380	ug/kg
Carbazole	ND	380	ug/kg
4-Chloroaniline	ND	380	ug/kg
4-Chloro-3-methylphenol	ND	380	ug/kg
2-Chloronaphthalene	ND	380	ug/kg
2-Chlorophenol	ND	380	ug/kg
4-Chlorophenyl phenyl ether	ND	380	ug/kg
Dibenzofuran	ND	380	ug/kg
3,3'-Dichlorobenzidine	ND	1800	ug/kg
2,4-Dichlorophenol	ND	380	ug/kg
Diethyl phthalate	ND	380	ug/kg
2,4-Dimethylphenol	ND	380	ug/kg
Dimethyl phthalate	ND	380	ug/kg
Di-n-butyl phthalate	ND	380	ug/kg
4,6-Dinitro- 2-methylphenol	ND	1800	ug/kg
2,4-Dinitrophenol	ND	1800	ug/kg
2,4-Dinitrotoluene	ND	380	ug/kg
2,6-Dinitrotoluene	ND	380	ug/kg
Di-n-octyl phthalate	ND	380	ug/kg
Hexachlorobenzene	ND	380	ug/kg
Hexachlorobutadiene	ND	380	ug/kg
Hexachlorocyclopenta- diene	ND	1800	ug/kg

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Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_14.5-15.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-003 Work Order #....: JW2NN1AL Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Hexachloroethane	ND	380	ug/kg
Isophorone	ND	380	ug/kg
2-Methylnaphthalene	ND	380	ug/kg
2-Methylphenol	ND	380	ug/kg
4-Methylphenol	ND	380	ug/kg
2-Nitroaniline	ND	1800	ug/kg
3-Nitroaniline	ND	1800	ug/kg
4-Nitroaniline	ND	1800	ug/kg
Nitrobenzene	ND	380	ug/kg
2-Nitrophenol	ND	380	ug/kg
4-Nitrophenol	ND	1800	ug/kg
N-Nitrosodi-n-propyl- amine	ND	380	ug/kg
N-Nitrosodiphenylamine	ND	380	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	380	ug/kg
Pentachlorophenol	ND	1800	ug/kg
Phenol	ND	380	ug/kg
2,4,5-Trichloro- phenol	ND	380	ug/kg
2,4,6-Trichloro- phenol	ND	380	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4,6-Tribromophenol	60	(21 - 144)
2-Fluorobiphenyl	57	(26 - 128)
2-Fluorophenol	62	(34 - 115)
Nitrobenzene-d5	54	(30 - 118)
Phenol-d5	65	(35 - 117)
Terphenyl-d14	77	(40 - 115)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_14.5-15.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-003 Work Order #....: JW2NN1AM Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138003
 Prep Date.....: 05/18/07 Analysis Date...: 05/19/07
 Prep Batch #....: 7138011 Analysis Time...: 12:29
 Dilution Factor: 1
 % Moisture.....: 13 Method.....: SW846 8270C SIM

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Naphthalene	3.2 J	7.7	ug/kg
Acenaphthylene	16	7.7	ug/kg
Acenaphthene	6.3 J	7.7	ug/kg
Fluorene	13	7.7	ug/kg
Phenanthrene	100	7.7	ug/kg
Anthracene	20	7.7	ug/kg
Fluoranthene	120	7.7	ug/kg
Pyrene	100	7.7	ug/kg
Benzo(a)anthracene	49	7.7	ug/kg
Chrysene	54	7.7	ug/kg
Benzo(b)fluoranthene	54	7.7	ug/kg
Benzo(k)fluoranthene	24	7.7	ug/kg
Benzo(a)pyrene	46	7.7	ug/kg
Indeno(1,2,3-cd)pyrene	31	7.7	ug/kg
Dibenzo(a,h)anthracene	10	7.7	ug/kg
Benzo(ghi)perylene	37	7.7	ug/kg

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_14.5-15.0

GC Semivolatiles

Lot-Sample #....: C7E160127-003 Work Order #....: JW2NN1AJ Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7137253
 Prep Date.....: 05/17/07 Analysis Date...: 05/18/07
 Prep Batch #....: 7137436 Analysis Time...: 21:53
 Dilution Factor: 1
 % Moisture.....: 13 Method.....: SW846 8082

<u>PARAMETER</u>	REPORTING		
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>
Aroclor 1016	ND	19	ug/kg
Aroclor 1221	ND	19	ug/kg
Aroclor 1232	ND	19	ug/kg
Aroclor 1242	ND	19	ug/kg
Aroclor 1248	ND	19	ug/kg
Aroclor 1254	ND	19	ug/kg
Aroclor 1260	ND	19	ug/kg

<u>SURROGATE</u>	PERCENT		RECOVERY
	<u>RECOVERY</u>	<u>LIMITS</u>	
Tetrachloro-m-xylene	94	(31 - 127)	
Decachlorobiphenyl	100	(23 - 141)	

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_14.5-15.0

TOTAL Metals

Lot-Sample #....: C7E160127-003

Matrix.....: SO

Date Sampled...: 05/15/07

Date Received...: 05/16/07

% Moisture....: 13

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 7136252							
Silver	ND	0.12	mg/kg	SW846 6020	Analysis Time...: 17:49	05/17-05/28/07 JW2NN1AP	
		Dilution Factor: 1				MS Run #.....:	7136138
Arsenic	3.5	0.12	mg/kg	SW846 6020	Analysis Time...: 17:49	05/17-05/28/07 JW2NN1AR	
		Dilution Factor: 1				MS Run #.....:	7136138
Beryllium	0.27	0.12	mg/kg	SW846 6020	Analysis Time...: 17:49	05/17-05/28/07 JW2NN1AU	
		Dilution Factor: 1				MS Run #.....:	7136138
Cadmium	0.070 B	0.12	mg/kg	SW846 6020	Analysis Time...: 17:49	05/17-05/28/07 JW2NN1AW	
		Dilution Factor: 1				MS Run #.....:	7136138
Chromium	7.4	0.23	mg/kg	SW846 6020	Analysis Time...: 17:49	05/17-05/28/07 JW2NN1A0	
		Dilution Factor: 1				MS Run #.....:	7136138
Copper	10.9	0.23	mg/kg	SW846 6020	Analysis Time...: 17:49	05/17-05/28/07 JW2NN1A1	
		Dilution Factor: 1				MS Run #.....:	7136138
Nickel	12.9	0.12	mg/kg	SW846 6020	Analysis Time...: 17:49	05/17-05/28/07 JW2NN1A7	
		Dilution Factor: 1				MS Run #.....:	7136138
Lead	7.3	0.12	mg/kg	SW846 6020	Analysis Time...: 17:49	05/17-05/28/07 JW2NN1AA	
		Dilution Factor: 1				MS Run #.....:	7136138
Selenium	0.21 B	0.58	mg/kg	SW846 6020	Analysis Time...: 17:49	05/17-05/28/07 JW2NN1AC	
		Dilution Factor: 1				MS Run #.....:	7136138
Thallium	0.045 B,J	0.12	mg/kg	SW846 6020	Analysis Time...: 17:49	05/17-05/28/07 JW2NN1AD	
		Dilution Factor: 1				MS Run #.....:	7136138
Antimony	0.039 B	0.23	mg/kg	SW846 6020	Analysis Time...: 17:49	05/17-05/28/07 JW2NN1AE	
		Dilution Factor: 1				MS Run #.....:	7136138
Zinc	30.7	0.58	mg/kg	SW846 6020	Analysis Time...: 17:49	05/17-05/28/07 JW2NN1AG	
		Dilution Factor: 1				MS Run #.....:	7136138

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Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_14.5-15.0

TOTAL Metals

Lot-Sample #....: C7E160127-003

Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....: 7157020						
Mercury	0.018 B	0.038	mg/kg	SW846 7471A	06/06/07	JW2NN1AH
			Dilution Factor: 1	Analysis Time...: 10:20	MS Run #.....: 7157011	

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-6_14.5-15.0

General Chemistry

Lot-Sample #....: C7E160127-003 Work Order #....: JW2NN Matrix.....: SO
Date Sampled....: 05/15/07 Date Received..: 05/16/07
% Moisture.....: 13

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-	PREP
					ANALYSIS DATE	BATCH #
Percent Solids	86.6		%	MCAWW 160.3 MOD	05/16-05/17/07	7136243
		Dilution Factor:	1	Analysis Time...: 13:01	MS Run #.....:	7136132

Langan Engineering & Environmental Svcs

Client Sample ID: FB-5

GC/MS Volatiles

Lot-Sample #....: C7E160127-004 Work Order #....: JW2NT1AD Matrix.....: W
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7145156
 Prep Date.....: 05/25/07 Analysis Date...: 05/25/07
 Prep Batch #....: 7145272 Analysis Time...: 14:11
 Dilution Factor: 1
 Method.....: SW846 8260B

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Acetone	ND	5.0	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	5.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Styrene	ND	1.0	ug/L

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Langan Engineering & Environmental Svcs

Client Sample ID: FB-5

GC/MS Volatiles

Lot-Sample #....: C7E160127-004 Work Order #....: JW2NT1AD Matrix.....: W

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
1,2,4-Trichloro- benzene	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Toluene-d8	113	(71 - 118)
1,2-Dichloroethane-d4	90	(64 - 135)
4-Bromofluorobenzene	108	(70 - 118)
Dibromofluoromethane	94	(64 - 128)

Langan Engineering & Environmental Svcs

Client Sample ID: FB-5

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-004 **Work Order #....:** JW2NT1AA **Matrix.....:** W
Date Sampled....: 05/15/07 **Date Received...:** 05/16/07 **MS Run #.....:**
Prep Date.....: 05/18/07 **Analysis Date...:** 05/21/07
Prep Batch #....: 7138205 **Analysis Time...:** 09:36
Dilution Factor: 0.95

Method.....: SW846 8270C

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	
		<u>LIMIT</u>	<u>UNITS</u>
Acetophenone	ND	9.5	ug/L
Atrazine	ND	9.5	ug/L
Benzaldehyde	1.2 J	9.5	ug/L
1,1'-Biphenyl	ND	9.5	ug/L
bis(2-Chloroethoxy) methane	ND	9.5	ug/L
bis(2-Chloroethyl)- ether	ND	9.5	ug/L
bis(2-Ethylhexyl) phthalate	ND	9.5	ug/L
4-Bromophenyl phenyl ether	ND	9.5	ug/L
Butyl benzyl phthalate	ND	9.5	ug/L
Caprolactam	ND	9.5	ug/L
Carbazole	ND	9.5	ug/L
4-Chloroaniline	ND	9.5	ug/L
4-Chloro-3-methylphenol	ND	9.5	ug/L
2-Chloronaphthalene	ND	9.5	ug/L
2-Chlorophenol	ND	9.5	ug/L
4-Chlorophenyl phenyl ether	ND	9.5	ug/L
Dibenzofuran	ND	9.5	ug/L
3,3'-Dichlorobenzidine	ND	48	ug/L
2,4-Dichlorophenol	ND	9.5	ug/L
Diethyl phthalate	ND	9.5	ug/L
2,4-Dimethylphenol	ND	9.5	ug/L
Dimethyl phthalate	ND	9.5	ug/L
Di-n-butyl phthalate	ND	9.5	ug/L
4,6-Dinitro- 2-methylphenol	ND	48	ug/L
2,4-Dinitrophenol	ND	48	ug/L
2,4-Dinitrotoluene	ND	9.5	ug/L
2,6-Dinitrotoluene	ND	9.5	ug/L
Di-n-octyl phthalate	ND	9.5	ug/L
Hexachlorobenzene	ND	9.5	ug/L
Hexachlorobutadiene	ND	9.5	ug/L
Hexachlorocyclopenta- diene	ND	48	ug/L

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Langan Engineering & Environmental Svcs

Client Sample ID: FB-5

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-004 Work Order #....: JW2NT1AA Matrix.....: W

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Hexachloroethane	ND	9.5	ug/L
Isophorone	ND	9.5	ug/L
2-Methylnaphthalene	ND	9.5	ug/L
2-Methylphenol	ND	9.5	ug/L
4-Methylphenol	ND	9.5	ug/L
2-Nitroaniline	ND	48	ug/L
3-Nitroaniline	ND	48	ug/L
4-Nitroaniline	ND	48	ug/L
Nitrobenzene	ND	9.5	ug/L
2-Nitrophenol	ND	9.5	ug/L
4-Nitrophenol	ND	48	ug/L
N-Nitrosodi-n-propyl-amine	ND	9.5	ug/L
N-Nitrosodiphenylamine	ND	9.5	ug/L
2,2'-oxybis(1-Chloropropane)	ND	9.5	ug/L
Pentachlorophenol	ND	48	ug/L
Phenol	ND	9.5	ug/L
2,4,5-Trichloro-phenol	ND	9.5	ug/L
2,4,6-Trichloro-phenol	ND	9.5	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4,6-Tribromophenol	84	(19 - 138)
2-Fluorobiphenyl	79	(35 - 115)
2-Fluorophenol	86	(10 - 118)
Nitrobenzene-d5	87	(39 - 115)
Phenol-d5	93	(18 - 115)
Terphenyl-d14	90	(17 - 129)

NOTE(S) :

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Svcs

Client Sample ID: FB-5

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-004 Work Order #....: JW2NT1AC Matrix.....: W
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....:
 Prep Date.....: 05/18/07 Analysis Date...: 05/22/07
 Prep Batch #....: 7138210 Analysis Time...: 05:22
 Dilution Factor: 0.95

Method.....: SW846 8270C SIM

<u>PARAMETER</u>	<u>REPORTING</u>		
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>
Naphthalene	0.088 J	0.19	ug/L
Acenaphthylene	ND	0.19	ug/L
Acenaphthene	ND	0.19	ug/L
Fluorene	ND	0.19	ug/L
Phenanthrene	0.052 J	0.19	ug/L
Anthracene	ND	0.19	ug/L
Fluoranthene	0.034 J	0.19	ug/L
Pyrene	0.038 J	0.19	ug/L
Benzo(a)anthracene	0.039 J	0.19	ug/L
Chrysene	0.035 J	0.19	ug/L
Benzo(b)fluoranthene	0.044 J	0.19	ug/L
Benzo(k)fluoranthene	ND	0.19	ug/L
Benzo(a)pyrene	ND	0.19	ug/L
Indeno(1,2,3-cd)pyrene	ND	0.19	ug/L
Dibenzo(a,h)anthracene	ND	0.19	ug/L
Benzo(ghi)perylene	ND	0.19	ug/L

NOTE(S) :

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Svcs

Client Sample ID: FB-5

GC Semivolatiles

Lot-Sample #....: C7E160127-004 Work Order #....: JW2NT1AE Matrix.....: W
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....:
 Prep Date.....: 05/16/07 Analysis Date...: 05/18/07
 Prep Batch #....: 7136471 Analysis Time...: 00:42
 Dilution Factor: 0.95 Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Aroclor 1016	ND	0.38	ug/L
Aroclor 1221	ND	0.38	ug/L
Aroclor 1232	ND	0.38	ug/L
Aroclor 1242	ND	0.38	ug/L
Aroclor 1248	ND	0.38	ug/L
Aroclor 1254	ND	0.38	ug/L
Aroclor 1260	ND	0.38	ug/L

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	82	(45 - 120)
Decachlorobiphenyl	98	(24 - 128)

Langan Engineering & Environmental Svcs

Client Sample ID: FB-5

TOTAL Metals

Lot-Sample #...: C7E160127-004 Matrix.....: W
 Date Sampled...: 05/15/07 Date Received...: 05/16/07

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #...: 7136250						
Silver	ND	1.0	ug/L	SW846 6020	05/17-05/28/07	JW2NT1AF
		Dilution Factor: 1		Analysis Time...: 17:03	MS Run #.....:	
Arsenic	0.32 B	1.0	ug/L	SW846 6020	05/17-05/28/07	JW2NT1AH
		Dilution Factor: 1		Analysis Time...: 17:03	MS Run #.....:	
Beryllium	ND	1.0	ug/L	SW846 6020	05/17-05/28/07	JW2NT1AK
		Dilution Factor: 1		Analysis Time...: 17:03	MS Run #.....:	
Cadmium	ND	1.0	ug/L	SW846 6020	05/17-05/28/07	JW2NT1AM
		Dilution Factor: 1		Analysis Time...: 17:03	MS Run #.....:	
Chromium	3.2 J	2.0	ug/L	SW846 6020	05/17-05/28/07	JW2NT1AP
		Dilution Factor: 1		Analysis Time...: 17:03	MS Run #.....:	
Copper	0.78 B	2.0	ug/L	SW846 6020	05/17-05/28/07	JW2NT1AQ
		Dilution Factor: 1		Analysis Time...: 17:03	MS Run #.....:	
Nickel	0.22 B	1.0	ug/L	SW846 6020	05/17-05/28/07	JW2NT1AX
		Dilution Factor: 1		Analysis Time...: 17:03	MS Run #.....:	
Lead	0.31 B,J	1.0	ug/L	SW846 6020	05/17-05/28/07	JW2NT1AO
		Dilution Factor: 1		Analysis Time...: 17:03	MS Run #.....:	
Selenium	ND	5.0	ug/L	SW846 6020	05/17-05/28/07	JW2NT1A1
		Dilution Factor: 1		Analysis Time...: 17:03	MS Run #.....:	
Thallium	0.15 B	1.0	ug/L	SW846 6020	05/17-05/28/07	JW2NT1A2
		Dilution Factor: 1		Analysis Time...: 17:03	MS Run #.....:	
Antimony	0.15 B	2.0	ug/L	SW846 6020	05/17-05/28/07	JW2NT1A3
		Dilution Factor: 1		Analysis Time...: 17:03	MS Run #.....:	
Zinc	0.81 B	5.0	ug/L	SW846 6020	05/17-05/28/07	JW2NT1AS
		Dilution Factor: 1		Analysis Time...: 17:03	MS Run #.....:	

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Langan Engineering & Environmental Svcs

Client Sample ID: FB-5

TOTAL Metals

Lot-Sample #....: C7E160127-004

Matrix.....: W

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS	ANALYSIS DATE			
Prep Batch #....: 7152093							
Mercury	ND	0.20	ug/L	SW846 7470A	06/01/07	JW2NT1A6	
		Dilution Factor:	1	Analysis Time.: 11:51		MS Run #.....:	7152054

NOTE(S) :

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Svcs

Client Sample ID: TB-5

GC/MS Volatiles

Lot-Sample #....: C7E160127-005 Work Order #....: JW2NV1AA Matrix.....: W
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7145156
 Prep Date.....: 05/25/07 Analysis Date...: 05/25/07
 Prep Batch #....: 7145272 Analysis Time...: 14:35
 Dilution Factor: 1

Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Acetone	ND	5.0	ug/L
Benzene	ND	1.0	ug/L
Bromodichloromethane	ND	1.0	ug/L
Bromoform	ND	1.0	ug/L
Bromomethane	ND	1.0	ug/L
2-Butanone	ND	5.0	ug/L
Carbon disulfide	ND	1.0	ug/L
Carbon tetrachloride	ND	1.0	ug/L
Chlorobenzene	ND	1.0	ug/L
Chloroethane	ND	1.0	ug/L
Chloroform	ND	1.0	ug/L
Chloromethane	ND	1.0	ug/L
Cyclohexane	ND	1.0	ug/L
Dibromochloromethane	ND	1.0	ug/L
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L
1,2-Dibromoethane	ND	1.0	ug/L
1,3-Dichlorobenzene	ND	1.0	ug/L
1,4-Dichlorobenzene	ND	1.0	ug/L
1,2-Dichlorobenzene	ND	1.0	ug/L
Dichlorodifluoromethane	ND	1.0	ug/L
1,1-Dichloroethane	ND	1.0	ug/L
1,2-Dichloroethane	ND	1.0	ug/L
1,1-Dichloroethene	ND	1.0	ug/L
cis-1,2-Dichloroethene	ND	1.0	ug/L
trans-1,2-Dichloroethene	ND	1.0	ug/L
1,2-Dichloropropane	ND	1.0	ug/L
cis-1,3-Dichloropropene	ND	1.0	ug/L
trans-1,3-Dichloropropene	ND	1.0	ug/L
Ethylbenzene	ND	1.0	ug/L
2-Hexanone	ND	5.0	ug/L
Isopropylbenzene	ND	1.0	ug/L
Methyl acetate	ND	1.0	ug/L
Methylene chloride	ND	1.0	ug/L
Methylcyclohexane	ND	1.0	ug/L
4-Methyl-2-pentanone	ND	5.0	ug/L
Methyl tert-butyl ether	ND	1.0	ug/L
Styrene	ND	1.0	ug/L

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Langan Engineering & Environmental Svcs

Client Sample ID: TB-5

GC/MS Volatiles

Lot-Sample #....: C7E160127-005 Work Order #....: JW2NV1AA Matrix.....: W

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L
1,2,4-Trichloro- benzene	ND	1.0	ug/L
Tetrachloroethene	ND	1.0	ug/L
1,1,1-Trichloroethane	ND	1.0	ug/L
1,1,2-Trichloroethane	ND	1.0	ug/L
Trichloroethene	ND	1.0	ug/L
Trichlorofluoromethane	ND	1.0	ug/L
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ug/L
Toluene	ND	1.0	ug/L
Vinyl chloride	ND	1.0	ug/L
Xylenes (total)	ND	3.0	ug/L
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
Toluene-d8	109	(71 - 118)	
1,2-Dichloroethane-d4	89	(64 - 135)	
4-Bromofluorobenzene	109	(70 - 118)	
Dibromofluoromethane	94	(64 - 128)	

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_1.5-2.0

GC/MS Volatiles

Lot-Sample #....: C7E160127-006 Work Order #....: JW2NX1AK Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....:
 Prep Date.....: 05/19/07 Analysis Date...: 05/20/07
 Prep Batch #....: 7140012 Analysis Time...: 04:15
 Dilution Factor: 0.94
 % Moisture.....: 15 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Acetone	ND	22	ug/kg
Benzene	ND	5.5	ug/kg
Bromodichloromethane	ND	5.5	ug/kg
Bromoform	ND	5.5	ug/kg
Bromomethane	ND	5.5	ug/kg
2-Butanone	ND	5.5	ug/kg
Carbon disulfide	ND	5.5	ug/kg
Carbon tetrachloride	ND	5.5	ug/kg
Chlorobenzene	ND	5.5	ug/kg
Chloroethane	ND	5.5	ug/kg
Chloroform	ND	5.5	ug/kg
Chloromethane	ND	5.5	ug/kg
Cyclohexane	ND	5.5	ug/kg
Dibromochloromethane	ND	5.5	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.5	ug/kg
1,2-Dibromoethane	ND	5.5	ug/kg
1,3-Dichlorobenzene	ND	5.5	ug/kg
1,4-Dichlorobenzene	ND	5.5	ug/kg
1,2-Dichlorobenzene	ND	5.5	ug/kg
Dichlorodifluoromethane	ND	5.5	ug/kg
1,1-Dichloroethane	ND	5.5	ug/kg
1,2-Dichloroethane	ND	5.5	ug/kg
1,1-Dichloroethene	ND	5.5	ug/kg
cis-1,2-Dichloroethene	ND	5.5	ug/kg
trans-1,2-Dichloroethene	ND	5.5	ug/kg
1,2-Dichloropropane	ND	5.5	ug/kg
cis-1,3-Dichloropropene	ND	5.5	ug/kg
trans-1,3-Dichloropropene	ND	5.5	ug/kg
Ethylbenzene	ND	5.5	ug/kg
2-Hexanone	ND	5.5	ug/kg
Isopropylbenzene	ND	5.5	ug/kg
Methyl acetate	ND	5.5	ug/kg
Methylene chloride	ND	5.5	ug/kg
Methylcyclohexane	ND	5.5	ug/kg
4-Methyl-2-pentanone	ND	5.5	ug/kg
Methyl tert-butyl ether	ND	5.5	ug/kg
Styrene	ND	5.5	ug/kg

(Continued on next page)

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_1.5-2.0

GC/MS Volatiles

Lot-Sample #....: C7E160127-006 Work Order #....: JW2NX1AK Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	5.5	ug/kg
1,2,4-Trichloro- benzene	ND	5.5	ug/kg
Tetrachloroethene	ND	5.5	ug/kg
1,1,1-Trichloroethane	ND	5.5	ug/kg
1,1,2-Trichloroethane	ND	5.5	ug/kg
Trichloroethene	ND	5.5	ug/kg
Trichlorofluoromethane	ND	5.5	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	5.5	ug/kg
Toluene	ND	5.5	ug/kg
Vinyl chloride	ND	5.5	ug/kg
Xylenes (total)	ND	17	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	98	(52 - 124)
Toluene-d8	115	(72 - 127)
4-Bromofluorobenzene	117	(63 - 120)
Dibromofluoromethane	106	(68 - 121)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_1.5-2.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-006 Work Order #....: JW2NX1AL Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138002
 Prep Date.....: 05/18/07 Analysis Date...: 06/11/07
 Prep Batch #....: 7138010 Analysis Time...: 14:46
 Dilution Factor: 1
 % Moisture.....: 15 Method.....: SW846 8270C

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	
		<u>LIMIT</u>	<u>UNITS</u>
Acetophenone	ND	390	ug/kg
Atrazine	ND	390	ug/kg
Benzaldehyde	ND	390	ug/kg
1,1'-Biphenyl	ND	390	ug/kg
bis(2-Chloroethoxy) methane	ND	390	ug/kg
bis(2-Chloroethyl)- ether	ND	390	ug/kg
bis(2-Ethylhexyl) phthalate	ND	390	ug/kg
4-Bromophenyl phenyl ether	ND	390	ug/kg
Butyl benzyl phthalate	ND	390	ug/kg
Caprolactam	ND	390	ug/kg
Carbazole	ND	390	ug/kg
4-Chloroaniline	ND	390	ug/kg
4-Chloro-3-methylphenol	ND	390	ug/kg
2-Chloronaphthalene	ND	390	ug/kg
2-Chlorophenol	ND	390	ug/kg
4-Chlorophenyl phenyl ether	ND	390	ug/kg
Dibenzofuran	ND	390	ug/kg
3,3'-Dichlorobenzidine	ND	1900	ug/kg
2,4-Dichlorophenol	ND	390	ug/kg
Diethyl phthalate	ND	390	ug/kg
2,4-Dimethylphenol	ND	390	ug/kg
Dimethyl phthalate	ND	390	ug/kg
Di-n-butyl phthalate	ND	390	ug/kg
4,6-Dinitro- 2-methylphenol	ND	1900	ug/kg
2,4-Dinitrophenol	ND	1900	ug/kg
2,4-Dinitrotoluene	ND	390	ug/kg
2,6-Dinitrotoluene	ND	390	ug/kg
Di-n-octyl phthalate	ND	390	ug/kg
Hexachlorobenzene	ND	390	ug/kg
Hexachlorobutadiene	ND	390	ug/kg
Hexachlorocyclopenta- diene	ND	1900	ug/kg

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Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_1.5-2.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-006 Work Order #....: JW2NX1AL Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Hexachloroethane	ND	390	ug/kg
Isophorone	ND	390	ug/kg
2-Methylnaphthalene	ND	390	ug/kg
2-Methylphenol	ND	390	ug/kg
4-Methylphenol	ND	390	ug/kg
2-Nitroaniline	ND	1900	ug/kg
3-Nitroaniline	ND	1900	ug/kg
4-Nitroaniline	ND	1900	ug/kg
Nitrobenzene	ND	390	ug/kg
2-Nitrophenol	ND	390	ug/kg
4-Nitrophenol	ND	1900	ug/kg
N-Nitrosodi-n-propyl- amine	ND	390	ug/kg
N-Nitrosodiphenylamine	ND	390	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	390	ug/kg
Pentachlorophenol	ND	1900	ug/kg
Phenol	ND	390	ug/kg
2,4,5-Trichloro- phenol	ND	390	ug/kg
2,4,6-Trichloro- phenol	ND	390	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4,6-Tribromophenol	67	(21 - 144)
2-Fluorobiphenyl	63	(26 - 128)
2-Fluorophenol	61	(34 - 115)
Nitrobenzene-d5	61	(30 - 118)
Phenol-d5	65	(35 - 117)
Terphenyl-d14	88	(40 - 115)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_1.5-2.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-006 Work Order #....: JW2NX1AM Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138003
 Prep Date.....: 05/18/07 Analysis Date...: 05/19/07
 Prep Batch #....: 7138011 Analysis Time...: 12:57
 Dilution Factor: 1
 % Moisture.....: 15 Method.....: SW846 8270C SIM

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Naphthalene	ND	7.9	ug/kg
Acenaphthylene	3.1 J	7.9	ug/kg
Acenaphthene	5.0 J	7.9	ug/kg
Fluorene	3.2 J	7.9	ug/kg
Phenanthrene	25	7.9	ug/kg
Anthracene	7.0 J	7.9	ug/kg
Fluoranthene	71	7.9	ug/kg
Pyrene	56	7.9	ug/kg
Benzo(a)anthracene	44	7.9	ug/kg
Chrysene	45	7.9	ug/kg
Benzo(b)fluoranthene	64	7.9	ug/kg
Benzo(k)fluoranthene	27	7.9	ug/kg
Benzo(a)pyrene	48	7.9	ug/kg
Indeno(1,2,3-cd)pyrene	42	7.9	ug/kg
Dibenzo(a,h)anthracene	12	7.9	ug/kg
Benzo(ghi)perylene	50	7.9	ug/kg

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_1.5-2.0

GC Semivolatiles

Lot-Sample #....: C7E160127-006 Work Order #....: JW2NX1AJ Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7137253
 Prep Date.....: 05/17/07 Analysis Date...: 05/18/07
 Prep Batch #....: 7137436 Analysis Time...: 22:17
 Dilution Factor: 1
 % Moisture.....: 15 Method.....: SW846 8082

<u>PARAMETER</u>	REPORTING		
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>
Aroclor 1016	ND	20	ug/kg
Aroclor 1221	ND	20	ug/kg
Aroclor 1232	ND	20	ug/kg
Aroclor 1242	ND	20	ug/kg
Aroclor 1248	9.0 J	20	ug/kg
Aroclor 1254	ND	20	ug/kg
Aroclor 1260	17 J	20	ug/kg

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Tetrachloro-m-xylene	94	(31 - 127)
Decachlorobiphenyl	99	(23 - 141)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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Client Sample ID: AETP-5_1.5-2.0

TOTAL Metals

Lot-Sample #....: C7E160127-006

Date Sampled...: 05/15/07

Date Received...: 05/16/07

Matrix.....: SO

% Moisture....: 15

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 7136252							
Silver	ND	0.12	mg/kg	SW846 6020 Dilution Factor: 1	Analysis Time...: 17:53	05/17-05/28/07 JW2NX1AP MS Run #.....: 7136138	
Arsenic	3.2	0.12	mg/kg	SW846 6020 Dilution Factor: 1	Analysis Time...: 17:53	05/17-05/28/07 JW2NX1AR MS Run #.....: 7136138	
Beryllium	0.23	0.12	mg/kg	SW846 6020 Dilution Factor: 1	Analysis Time...: 17:53	05/17-05/28/07 JW2NX1AU MS Run #.....: 7136138	
Cadmium	0.071 B	0.12	mg/kg	SW846 6020 Dilution Factor: 1	Analysis Time...: 17:53	05/17-05/28/07 JW2NX1AW MS Run #.....: 7136138	
Chromium	9.4	0.24	mg/kg	SW846 6020 Dilution Factor: 1	Analysis Time...: 17:53	05/17-05/28/07 JW2NX1A0 MS Run #.....: 7136138	
Copper	9.7	0.24	mg/kg	SW846 6020 Dilution Factor: 1	Analysis Time...: 17:53	05/17-05/28/07 JW2NX1A1 MS Run #.....: 7136138	
Nickel	11.2	0.12	mg/kg	SW846 6020 Dilution Factor: 1	Analysis Time...: 17:53	05/17-05/28/07 JW2NX1A7 MS Run #.....: 7136138	
Lead	6.2	0.12	mg/kg	SW846 6020 Dilution Factor: 1	Analysis Time...: 17:53	05/17-05/28/07 JW2NX1AA MS Run #.....: 7136138	
Selenium	0.25 B	0.59	mg/kg	SW846 6020 Dilution Factor: 1	Analysis Time...: 17:53	05/17-05/28/07 JW2NX1AC MS Run #.....: 7136138	
Thallium	0.031 B,J	0.12	mg/kg	SW846 6020 Dilution Factor: 1	Analysis Time...: 17:53	05/17-05/28/07 JW2NX1AD MS Run #.....: 7136138	
Antimony	0.045 B	0.24	mg/kg	SW846 6020 Dilution Factor: 1	Analysis Time...: 17:53	05/17-05/28/07 JW2NX1AE MS Run #.....: 7136138	
Zinc	27.9	0.59	mg/kg	SW846 6020 Dilution Factor: 1	Analysis Time...: 17:53	05/17-05/28/07 JW2NX1AG MS Run #.....: 7136138	

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Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_1.5-2.0

TOTAL Metals

Lot-Sample #....: C7E160127-006

Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....:	7157020					
Mercury	0.019 B	0.039	mg/kg	SW846 7471A	06/06/07	JW2NX1AH
		Dilution Factor: 1		Analysis Time.: 10:22	MS Run #.....:	7157011

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

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Client Sample ID: AETP-5_1.5-2.0

General Chemistry

Lot-Sample #....: C7E160127-006 Work Order #....: JW2NX Matrix.....: SO
Date Sampled...: 05/15/07 Date Received..: 05/16/07
% Moisture.....: 15

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-	PREP
					ANALYSIS DATE	BATCH #
Percent Solids	84.9		%	MCAWW 160.3 MOD	05/16-05/17/07	7136243
		Dilution Factor:	1	Analysis Time..:	13:01	MS Run #.....: 7136132

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Client Sample ID: AETP-5_14.5-15.0

GC/MS Volatiles

Lot-Sample #....: C7E160127-007 Work Order #....: JW2N01AK Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....:
 Prep Date.....: 05/19/07 Analysis Date...: 05/20/07
 Prep Batch #....: 7140012 Analysis Time...: 04:39
 Dilution Factor: 1.09
 % Moisture.....: 10 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Acetone	ND	24	ug/kg
Benzene	ND	6.1	ug/kg
Bromodichloromethane	ND	6.1	ug/kg
Bromoform	ND	6.1	ug/kg
Bromomethane	ND	6.1	ug/kg
2-Butanone	ND	6.1	ug/kg
Carbon disulfide	ND	6.1	ug/kg
Carbon tetrachloride	ND	6.1	ug/kg
Chlorobenzene	ND	6.1	ug/kg
Chloroethane	ND	6.1	ug/kg
Chloroform	ND	6.1	ug/kg
Chloromethane	ND	6.1	ug/kg
Cyclohexane	ND	6.1	ug/kg
Dibromochloromethane	ND	6.1	ug/kg
1,2-Dibromo-3-chloropropane	ND	6.1	ug/kg
1,2-Dibromoethane	ND	6.1	ug/kg
1,3-Dichlorobenzene	ND	6.1	ug/kg
1,4-Dichlorobenzene	ND	6.1	ug/kg
1,2-Dichlorobenzene	ND	6.1	ug/kg
Dichlorodifluoromethane	ND	6.1	ug/kg
1,1-Dichloroethane	ND	6.1	ug/kg
1,2-Dichloroethane	ND	6.1	ug/kg
1,1-Dichloroethene	ND	6.1	ug/kg
cis-1,2-Dichloroethene	ND	6.1	ug/kg
trans-1,2-Dichloroethene	ND	6.1	ug/kg
1,2-Dichloropropane	ND	6.1	ug/kg
cis-1,3-Dichloropropene	ND	6.1	ug/kg
trans-1,3-Dichloropropene	ND	6.1	ug/kg
Ethylbenzene	ND	6.1	ug/kg
2-Hexanone	ND	6.1	ug/kg
Isopropylbenzene	ND	6.1	ug/kg
Methyl acetate	ND	6.1	ug/kg
Methylene chloride	ND	6.1	ug/kg
Methylcyclohexane	ND	6.1	ug/kg
4-Methyl-2-pentanone	ND	6.1	ug/kg
Methyl tert-butyl ether	ND	6.1	ug/kg
Styrene	ND	6.1	ug/kg

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Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_14.5-15.0

GC/MS Volatiles

Lot-Sample #....: C7E160127-007 Work Order #....: JW2N01AK Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	6.1	ug/kg
1,2,4-Trichloro- benzene	ND	6.1	ug/kg
Tetrachloroethene	ND	6.1	ug/kg
1,1,1-Trichloroethane	ND	6.1	ug/kg
1,1,2-Trichloroethane	ND	6.1	ug/kg
Trichloroethene	ND	6.1	ug/kg
Trichlorofluoromethane	ND	6.1	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	6.1	ug/kg
Toluene	ND	6.1	ug/kg
Vinyl chloride	ND	6.1	ug/kg
Xylenes (total)	ND	18	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	84	(52 - 124)
Toluene-d8	102	(72 - 127)
4-Bromofluorobenzene	100	(63 - 120)
Dibromofluoromethane	91	(68 - 121)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_14.5-15.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-007 Work Order #....: JW2N01AL Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138002
 Prep Date.....: 05/18/07 Analysis Date...: 06/09/07
 Prep Batch #....: 7138010 Analysis Time...: 10:43
 Dilution Factor: 1
 % Moisture.....: 10 Method.....: SW846 8270C

PARAMETER	RESULT	REPORTING	
		LIMIT	UNITS
Acetophenone	ND	370	ug/kg
Atrazine	ND	370	ug/kg
Benzaldehyde	ND	370	ug/kg
1,1'-Biphenyl	ND	370	ug/kg
bis(2-Chloroethoxy) methane	ND	370	ug/kg
bis(2-Chloroethyl)- ether	ND	370	ug/kg
bis(2-Ethylhexyl) phthalate	ND	370	ug/kg
4-Bromophenyl phenyl ether	ND	370	ug/kg
Butyl benzyl phthalate	ND	370	ug/kg
Caprolactam	ND	370	ug/kg
Carbazole	ND	370	ug/kg
4-Chloroaniline	ND	370	ug/kg
4-Chloro-3-methylphenol	ND	370	ug/kg
2-Chloronaphthalene	ND	370	ug/kg
2-Chlorophenol	ND	370	ug/kg
4-Chlorophenyl phenyl ether	ND	370	ug/kg
Dibenzofuran	ND	370	ug/kg
3,3'-Dichlorobenzidine	ND	1800	ug/kg
2,4-Dichlorophenol	ND	370	ug/kg
Diethyl phthalate	ND	370	ug/kg
2,4-Dimethylphenol	ND	370	ug/kg
Dimethyl phthalate	ND	370	ug/kg
Di-n-butyl phthalate	ND	370	ug/kg
4,6-Dinitro- 2-methylphenol	ND	1800	ug/kg
2,4-Dinitrophenol	ND	1800	ug/kg
2,4-Dinitrotoluene	ND	370	ug/kg
2,6-Dinitrotoluene	ND	370	ug/kg
Di-n-octyl phthalate	ND	370	ug/kg
Hexachlorobenzene	ND	370	ug/kg
Hexachlorobutadiene	ND	370	ug/kg
Hexachlorocyclopenta- diene	ND	1800	ug/kg

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Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_14.5-15.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-007 Work Order #....: JW2N01AL Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Hexachloroethane	ND	370	ug/kg
Isophorone	ND	370	ug/kg
2-Methylnaphthalene	ND	370	ug/kg
2-Methylphenol	ND	370	ug/kg
4-Methylphenol	ND	370	ug/kg
2-Nitroaniline	ND	1800	ug/kg
3-Nitroaniline	ND	1800	ug/kg
4-Nitroaniline	ND	1800	ug/kg
Nitrobenzene	ND	370	ug/kg
2-Nitrophenol	ND	370	ug/kg
4-Nitrophenol	ND	1800	ug/kg
N-Nitrosodi-n-propyl- amine	ND	370	ug/kg
N-Nitrosodiphenylamine	ND	370	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	370	ug/kg
Pentachlorophenol	ND	1800	ug/kg
Phenol	ND	370	ug/kg
2,4,5-Trichloro- phenol	ND	370	ug/kg
2,4,6-Trichloro- phenol	ND	370	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4,6-Tribromophenol	27	(21 - 144)
2-Fluorobiphenyl	32	(26 - 128)
2-Fluorophenol	35	(34 - 115)
Nitrobenzene-d5	32	(30 - 118)
Phenol-d5	35	(35 - 117)
Terphenyl-d14	40	(40 - 115)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5 14.5-15.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-007 Work Order #....: JW2N01AM Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138003
 Prep Date.....: 05/18/07 Analysis Date...: 05/19/07
 Prep Batch #....: 7138011 Analysis Time...: 13:25
 Dilution Factor: 1
 % Moisture.....: 10 Method.....: SW846 8270C SIM

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Naphthalene	ND	7.4	ug/kg
Acenaphthylene	ND	7.4	ug/kg
Acenaphthene	ND	7.4	ug/kg
Fluorene	ND	7.4	ug/kg
Phenanthrene	ND	7.4	ug/kg
Anthracene	ND	7.4	ug/kg
Fluoranthene	ND	7.4	ug/kg
Pyrene	ND	7.4	ug/kg
Benzo(a)anthracene	ND	7.4	ug/kg
Chrysene	ND	7.4	ug/kg
Benzo(b)fluoranthene	ND	7.4	ug/kg
Benzo(k)fluoranthene	ND	7.4	ug/kg
Benzo(a)pyrene	ND	7.4	ug/kg
Indeno(1,2,3-cd)pyrene	ND	7.4	ug/kg
Dibenzo(a,h)anthracene	ND	7.4	ug/kg
Benzo(ghi)perylene	ND	7.4	ug/kg

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_14.5-15.0

GC Semivolatiles

Lot-Sample #....: C7E160127-007 Work Order #....: JW2N01AJ Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7137253
 Prep Date.....: 05/17/07 Analysis Date...: 05/18/07
 Prep Batch #....: 7137436 Analysis Time...: 22:40
 Dilution Factor: 1
 % Moisture.....: 10 Method.....: SW846 8082

<u>PARAMETER</u>	<u>REPORTING</u>		
	<u>RESULT</u>	<u>LIMIT</u>	<u>UNITS</u>
Aroclor 1016	ND	19	ug/kg
Aroclor 1221	ND	19	ug/kg
Aroclor 1232	ND	19	ug/kg
Aroclor 1242	ND	19	ug/kg
Aroclor 1248	ND	19	ug/kg
Aroclor 1254	ND	19	ug/kg
Aroclor 1260	ND	19	ug/kg

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Tetrachloro-m-xylene	93	(31 - 127)
Decachlorobiphenyl	100	(23 - 141)

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_14.5-15.0

TOTAL Metals

Lot-Sample #....: C7E160127-007
 Date Sampled...: 05/15/07
 % Moisture.....: 10

Matrix.....: SO

Date Received...: 05/16/07

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....: 7136252							
Silver	ND	0.11	mg/kg	SW846 6020	Analysis Time...: 17:58	05/17-05/28/07 JW2N01AP	MS Run #.....: 7136138
		Dilution Factor: 1					
Arsenic	2.5	0.11	mg/kg	SW846 6020	Analysis Time...: 17:58	05/17-05/28/07 JW2N01AR	MS Run #.....: 7136138
		Dilution Factor: 1					
Beryllium	0.24	0.11	mg/kg	SW846 6020	Analysis Time...: 17:58	05/17-05/28/07 JW2N01AU	MS Run #.....: 7136138
		Dilution Factor: 1					
Cadmium	0.076 B	0.11	mg/kg	SW846 6020	Analysis Time...: 17:58	05/17-05/28/07 JW2N01AW	MS Run #.....: 7136138
		Dilution Factor: 1					
Chromium	6.7	0.22	mg/kg	SW846 6020	Analysis Time...: 17:58	05/17-05/28/07 JW2N01A0	MS Run #.....: 7136138
		Dilution Factor: 1					
Copper	7.2	0.22	mg/kg	SW846 6020	Analysis Time...: 17:58	05/17-05/28/07 JW2N01A1	MS Run #.....: 7136138
		Dilution Factor: 1					
Nickel	9.9	0.11	mg/kg	SW846 6020	Analysis Time...: 17:58	05/17-05/28/07 JW2N01A7	MS Run #.....: 7136138
		Dilution Factor: 1					
Lead	4.0	0.11	mg/kg	SW846 6020	Analysis Time...: 17:58	05/17-05/28/07 JW2N01AA	MS Run #.....: 7136138
		Dilution Factor: 1					
Selenium	0.18 B	0.56	mg/kg	SW846 6020	Analysis Time...: 17:58	05/17-05/28/07 JW2N01AC	MS Run #.....: 7136138
		Dilution Factor: 1					
Thallium	0.025 B,J	0.11	mg/kg	SW846 6020	Analysis Time...: 17:58	05/17-05/28/07 JW2N01AD	MS Run #.....: 7136138
		Dilution Factor: 1					
Antimony	0.030 B	0.22	mg/kg	SW846 6020	Analysis Time...: 17:58	05/17-05/28/07 JW2N01AE	MS Run #.....: 7136138
		Dilution Factor: 1					
Zinc	24.2	0.56	mg/kg	SW846 6020	Analysis Time...: 17:58	05/17-05/28/07 JW2N01AG	MS Run #.....: 7136138
		Dilution Factor: 1					

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Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_14.5-15.0

TOTAL Metals

Lot-Sample #....: C7E160127-007

Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....:	7157020					
Mercury	0.010 B	0.037	mg/kg	SW846 7471A	06/06/07	JW2N01AH
		Dilution Factor: 1		Analysis Time...: 10:24	MS Run #.....:	7157011

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-5_14.5-15.0

General Chemistry

Lot-Sample #....: C7E160127-007 Work Order #....: JW2N0 Matrix.....: SO
Date Sampled....: 05/15/07 Date Received...: 05/16/07
% Moisture.....: 10

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-	PREP
					ANALYSIS DATE	BATCH #
Percent Solids	89.9		%	MCAWW 160.3 MOD	05/16-05/17/07	7136243
		Dilution Factor:	1	Analysis Time..:	13:01	MS Run #.....: 7136132

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_1.5-2.0

GC/MS Volatiles

Lot-Sample #....: C7E160127-008 Work Order #....: JW2N11AK Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #:.....:
 Prep Date.....: 05/19/07 Analysis Date...: 05/20/07
 Prep Batch #....: 7140012 Analysis Time...: 05:03
 Dilution Factor: 1.12
 % Moisture.....: 9.4 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Acetone	ND	25	ug/kg
Benzene	ND	6.2	ug/kg
Bromodichloromethane	ND	6.2	ug/kg
Bromoform	ND	6.2	ug/kg
Bromomethane	ND	6.2	ug/kg
2-Butanone	ND	6.2	ug/kg
Carbon disulfide	ND	6.2	ug/kg
Carbon tetrachloride	ND	6.2	ug/kg
Chlorobenzene	ND	6.2	ug/kg
Chloroethane	ND	6.2	ug/kg
Chloroform	ND	6.2	ug/kg
Chloromethane	ND	6.2	ug/kg
Cyclohexane	ND	6.2	ug/kg
Dibromochloromethane	ND	6.2	ug/kg
1,2-Dibromo-3-chloro-propane	ND	6.2	ug/kg
1,2-Dibromoethane	ND	6.2	ug/kg
1,3-Dichlorobenzene	ND	6.2	ug/kg
1,4-Dichlorobenzene	ND	6.2	ug/kg
1,2-Dichlorobenzene	ND	6.2	ug/kg
Dichlorodifluoromethane	ND	6.2	ug/kg
1,1-Dichloroethane	ND	6.2	ug/kg
1,2-Dichloroethane	ND	6.2	ug/kg
1,1-Dichloroethene	ND	6.2	ug/kg
cis-1,2-Dichloroethene	ND	6.2	ug/kg
trans-1,2-Dichloroethene	ND	6.2	ug/kg
1,2-Dichloropropane	ND	6.2	ug/kg
cis-1,3-Dichloropropene	ND	6.2	ug/kg
trans-1,3-Dichloropropene	ND	6.2	ug/kg
Ethylbenzene	ND	6.2	ug/kg
2-Hexanone	ND	6.2	ug/kg
Isopropylbenzene	ND	6.2	ug/kg
Methyl acetate	ND	6.2	ug/kg
Methylene chloride	ND	6.2	ug/kg
Methylcyclohexane	ND	6.2	ug/kg
4-Methyl-2-pentanone	ND	6.2	ug/kg
Methyl tert-butyl ether	ND	6.2	ug/kg
Styrene	ND	6.2	ug/kg

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Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_1.5-2.0

GC/MS Volatiles

Lot-Sample #....: C7E160127-008 Work Order #....: JW2N11AK Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	6.2	ug/kg
1,2,4-Trichloro- benzene	ND	6.2	ug/kg
Tetrachloroethene	ND	6.2	ug/kg
1,1,1-Trichloroethane	ND	6.2	ug/kg
1,1,2-Trichloroethane	ND	6.2	ug/kg
Trichloroethene	ND	6.2	ug/kg
Trichlorofluoromethane	ND	6.2	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	6.2	ug/kg
Toluene	ND	6.2	ug/kg
Vinyl chloride	ND	6.2	ug/kg
Xylenes (total)	ND	19	ug/kg
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
1,2-Dichloroethane-d4	93	(52 - 124)	
Toluene-d8	113	(72 - 127)	
4-Bromofluorobenzene	109	(63 - 120)	
Dibromofluoromethane	99	(68 - 121)	

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_1.5-2.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-008 Work Order #....: JW2N11AL Matrix.....: SO
 Date Sampled...: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138002
 Prep Date.....: 05/18/07 Analysis Date...: 06/09/07
 Prep Batch #....: 7138010 Analysis Time...: 11:05
 Dilution Factor: 1
 * Moisture.....: 9.4 Method.....: SW846 8270C

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Acetophenone	ND	360	ug/kg
Atrazine	ND	360	ug/kg
Benzaldehyde	ND	360	ug/kg
1,1'-Biphenyl	ND	360	ug/kg
bis(2-Chloroethoxy) methane	ND	360	ug/kg
bis(2-Chloroethyl)- ether	ND	360	ug/kg
bis(2-Ethylhexyl) phthalate	ND	360	ug/kg
4-Bromophenyl phenyl ether	ND	360	ug/kg
Butyl benzyl phthalate	ND	360	ug/kg
Caprolactam	ND	360	ug/kg
Carbazole	ND	360	ug/kg
4-Chloroaniline	ND	360	ug/kg
4-Chloro-3-methylphenol	ND	360	ug/kg
2-Chloronaphthalene	ND	360	ug/kg
2-Chlorophenol	ND	360	ug/kg
4-Chlorophenyl phenyl ether	ND	360	ug/kg
Dibenzofuran	ND	360	ug/kg
3,3'-Dichlorobenzidine	ND	1800	ug/kg
2,4-Dichlorophenol	ND	360	ug/kg
Diethyl phthalate	ND	360	ug/kg
2,4-Dimethylphenol	ND	360	ug/kg
Dimethyl phthalate	ND	360	ug/kg
Di-n-butyl phthalate	ND	360	ug/kg
4,6-Dinitro- 2-methylphenol	ND	1800	ug/kg
2,4-Dinitrophenol	ND	1800	ug/kg
2,4-Dinitrotoluene	ND	360	ug/kg
2,6-Dinitrotoluene	ND	360	ug/kg
Di-n-octyl phthalate	ND	360	ug/kg
Hexachlorobenzene	ND	360	ug/kg
Hexachlorobutadiene	ND	360	ug/kg
Hexachlorocyclopenta- diene	ND	1800	ug/kg

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Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_1.5-2.0

GC/MS Semivolatiles

Lot-Sample #...: C7E160127-008 Work Order #...: JW2N11AL Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Hexachloroethane	ND	360	ug/kg
Isophorone	ND	360	ug/kg
2-Methylnaphthalene	ND	360	ug/kg
2-Methylphenol	ND	360	ug/kg
4-Methylphenol	ND	360	ug/kg
2-Nitroaniline	ND	1800	ug/kg
3-Nitroaniline	ND	1800	ug/kg
4-Nitroaniline	ND	1800	ug/kg
Nitrobenzene	ND	360	ug/kg
2-Nitrophenol	ND	360	ug/kg
4-Nitrophenol	ND	1800	ug/kg
N-Nitrosodi-n-propyl- amine	ND	360	ug/kg
N-Nitrosodiphenylamine	ND	360	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	360	ug/kg
Pentachlorophenol	ND	1800	ug/kg
Phenol	ND	360	ug/kg
2,4,5-Trichloro- phenol	ND	360	ug/kg
2,4,6-Trichloro- phenol	ND	360	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4,6-Tribromophenol	55	(21 - 144)
2-Fluorobiphenyl	52	(26 - 128)
2-Fluorophenol	52	(34 - 115)
Nitrobenzene-d5	47	(30 - 118)
Phenol-d5	56	(35 - 117)
Terphenyl-d14	75	(40 - 115)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_1.5-2.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-008 Work Order #....: JW2N11AM Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138003
 Prep Date.....: 05/18/07 Analysis Date...: 05/19/07
 Prep Batch #....: 7138011 Analysis Time...: 13:53
 Dilution Factor: 1
 % Moisture.....: 9.4 Method.....: SW846 8270C SIM

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	
		<u>LIMIT</u>	<u>UNITS</u>
Naphthalene	ND	7.4	ug/kg
Acenaphthylene	ND	7.4	ug/kg
Acenaphthene	3.5 J	7.4	ug/kg
Fluorene	ND	7.4	ug/kg
Phenanthrene	20	7.4	ug/kg
Anthracene	4.5 J	7.4	ug/kg
Fluoranthene	38	7.4	ug/kg
Pyrene	30	7.4	ug/kg
Benzo(a)anthracene	20	7.4	ug/kg
Chrysene	22	7.4	ug/kg
Benzo(b)fluoranthene	28	7.4	ug/kg
Benzo(k)fluoranthene	11	7.4	ug/kg
Benzo(a)pyrene	21	7.4	ug/kg
Indeno(1,2,3-cd)pyrene	16	7.4	ug/kg
Dibenzo(a,h)anthracene	4.4 J	7.4	ug/kg
Benzo(ghi)perylene	18	7.4	ug/kg

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_1.5-2.0

GC Semivolatiles

Lot-Sample #....: C7E160127-008 Work Order #....: JW2N11AJ Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7137253
 Prep Date.....: 05/17/07 Analysis Date...: 05/18/07
 Prep Batch #....: 7137436 Analysis Time...: 23:03
 Dilution Factor: 1
 % Moisture.....: 9.4 Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	
Aroclor 1016	ND	18	ug/kg
Aroclor 1221	ND	18	ug/kg
Aroclor 1232	ND	18	ug/kg
Aroclor 1242	ND	18	ug/kg
Aroclor 1248	ND	18	ug/kg
Aroclor 1254	ND	18	ug/kg
Aroclor 1260	ND	18	ug/kg
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>LIMITS</u>
Tetrachloro-m-xylene	97	(31 - 127)	
Decachlorobiphenyl	98	(23 - 141)	

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_1.5-2.0

TOTAL Metals

Lot-Sample #...: C7E160127-008

Matrix.....: SO

Date Sampled...: 05/15/07

Date Received...: 05/16/07

% Moisture....: 9.4

PARAMETER	RESULT	REPORTING LIMIT	UNITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
Prep Batch #...: 7136252						
Silver	0.0031 B	0.11	mg/kg	SW846 6020	05/17-05/28/07 JW2N11AP	
		Dilution Factor: 1		Analysis Time...: 18:02	MS Run #.....: 7136138	
Arsenic	4.9	0.11	mg/kg	SW846 6020	05/17-05/28/07 JW2N11AR	
		Dilution Factor: 1		Analysis Time...: 18:02	MS Run #.....: 7136138	
Beryllium	0.27	0.11	mg/kg	SW846 6020	05/17-05/28/07 JW2N11AU	
		Dilution Factor: 1		Analysis Time...: 18:02	MS Run #.....: 7136138	
Cadmium	0.092 B	0.11	mg/kg	SW846 6020	05/17-05/28/07 JW2N11AW	
		Dilution Factor: 1		Analysis Time...: 18:02	MS Run #.....: 7136138	
Chromium	10.9	0.22	mg/kg	SW846 6020	05/17-05/28/07 JW2N11A0	
		Dilution Factor: 1		Analysis Time...: 18:02	MS Run #.....: 7136138	
Copper	15.4	0.22	mg/kg	SW846 6020	05/17-05/28/07 JW2N11A1	
		Dilution Factor: 1		Analysis Time...: 18:02	MS Run #.....: 7136138	
Nickel	11.4	0.11	mg/kg	SW846 6020	05/17-05/28/07 JW2N11A7	
		Dilution Factor: 1		Analysis Time...: 18:02	MS Run #.....: 7136138	
Lead	6.3	0.11	mg/kg	SW846 6020	05/17-05/28/07 JW2N11AA	
		Dilution Factor: 1		Analysis Time...: 18:02	MS Run #.....: 7136138	
Selenium	0.28 B	0.55	mg/kg	SW846 6020	05/17-05/28/07 JW2N11AC	
		Dilution Factor: 1		Analysis Time...: 18:02	MS Run #.....: 7136138	
Thallium	0.033 B,J	0.11	mg/kg	SW846 6020	05/17-05/28/07 JW2N11AD	
		Dilution Factor: 1		Analysis Time...: 18:02	MS Run #.....: 7136138	
Antimony	0.049 B	0.22	mg/kg	SW846 6020	05/17-05/28/07 JW2N11AE	
		Dilution Factor: 1		Analysis Time...: 18:02	MS Run #.....: 7136138	
Zinc	24.9	0.55	mg/kg	SW846 6020	05/17-05/28/07 JW2N11AG	
		Dilution Factor: 1		Analysis Time...: 18:02	MS Run #.....: 7136138	

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Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_1.5-2.0

TOTAL Metals

Lot-Sample #....: C7E160127-008

Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	REPORTING			<u>METHOD</u>	<u>PREPARATION-</u> <u>ANALYSIS DATE</u>	<u>WORK</u> <u>ORDER #</u>
		<u>LIMIT</u>	<u>UNITS</u>				
Prep Batch #....:	7157020						
Mercury	0.019 B	0.036	mg/kg		SW846 7471A	06/06/07	JW2N11AH
		Dilution Factor: 1			Analysis Time.: 10:25		MS Run #.....: 7157011

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_1.5-2.0

General Chemistry

Lot-Sample #....: C7E160127-008 Work Order #....: JW2N1 Matrix.....: SO
Date Sampled...: 05/15/07 Date Received..: 05/16/07
% Moisture.....: 9.4

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-	PREP
					ANALYSIS DATE	BATCH #
Percent Solids	90.6		%	MCAWW 160.3 MOD	05/16-05/17/07	7136243
		Dilution Factor:	1	Analysis Time..:	13:01	MS Run #.....: 7136132

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_14.4-15.0

GC/MS Volatiles

Lot-Sample #....: C7E160127-009 Work Order #....: JW2N31AK Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....:
 Prep Date.....: 05/19/07 Analysis Date...: 05/20/07
 Prep Batch #....: 7140012 Analysis Time...: 05:27
 Dilution Factor: 1.09
 % Moisture.....: 8.3 Method.....: SW846 8260B

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Acetone	ND	24	ug/kg
Benzene	ND	5.9	ug/kg
Bromodichloromethane	ND	5.9	ug/kg
Bromoform	ND	5.9	ug/kg
Bromomethane	ND	5.9	ug/kg
2-Butanone	ND	5.9	ug/kg
Carbon disulfide	ND	5.9	ug/kg
Carbon tetrachloride	ND	5.9	ug/kg
Chlorobenzene	ND	5.9	ug/kg
Chloroethane	ND	5.9	ug/kg
Chloroform	ND	5.9	ug/kg
Chloromethane	ND	5.9	ug/kg
Cyclohexane	ND	5.9	ug/kg
Dibromochloromethane	ND	5.9	ug/kg
1,2-Dibromo-3-chloro-propane	ND	5.9	ug/kg
1,2-Dibromoethane	ND	5.9	ug/kg
1,3-Dichlorobenzene	ND	5.9	ug/kg
1,4-Dichlorobenzene	ND	5.9	ug/kg
1,2-Dichlorobenzene	ND	5.9	ug/kg
Dichlorodifluoromethane	ND	5.9	ug/kg
1,1-Dichloroethane	ND	5.9	ug/kg
1,2-Dichloroethane	ND	5.9	ug/kg
1,1-Dichloroethene	ND	5.9	ug/kg
cis-1,2-Dichloroethene	ND	5.9	ug/kg
trans-1,2-Dichloroethene	ND	5.9	ug/kg
1,2-Dichloropropane	ND	5.9	ug/kg
cis-1,3-Dichloropropene	ND	5.9	ug/kg
trans-1,3-Dichloropropene	ND	5.9	ug/kg
Ethylbenzene	ND	5.9	ug/kg
2-Hexanone	ND	5.9	ug/kg
Isopropylbenzene	ND	5.9	ug/kg
Methyl acetate	ND	5.9	ug/kg
Methylene chloride	ND	5.9	ug/kg
Methylcyclohexane	ND	5.9	ug/kg
4-Methyl-2-pentanone	ND	5.9	ug/kg
Methyl tert-butyl ether	ND	5.9	ug/kg
Styrene	ND	5.9	ug/kg

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Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_14.4-15.0

GC/MS Volatiles

Lot-Sample #....: C7E160127-009 Work Order #....: JW2N31AK Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
1,1,2,2-Tetrachloroethane	ND	5.9	ug/kg
1,2,4-Trichloro- benzene	ND	5.9	ug/kg
Tetrachloroethene	ND	5.9	ug/kg
1,1,1-Trichloroethane	ND	5.9	ug/kg
1,1,2-Trichloroethane	ND	5.9	ug/kg
Trichloroethene	ND	5.9	ug/kg
Trichlorofluoromethane	ND	5.9	ug/kg
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	5.9	ug/kg
Toluene	ND	5.9	ug/kg
Vinyl chloride	ND	5.9	ug/kg
Xylenes (total)	ND	18	ug/kg
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	
1,2-Dichloroethane-d4	81	(52 - 124)	
Toluene-d8	100	(72 - 127)	
4-Bromofluorobenzene	98	(63 - 120)	
Dibromofluoromethane	89	(68 - 121)	

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_14.4-15.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-009 Work Order #....: JW2N31AL Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138002
 Prep Date.....: 05/18/07 Analysis Date...: 06/09/07
 Prep Batch #....: 7138010 Analysis Time...: 11:27
 Dilution Factor: 1
 * Moisture.....: 8.3 Method.....: SW846 8270C

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Acetophenone	ND	360	ug/kg
Atrazine	ND	360	ug/kg
Benzaldehyde	ND	360	ug/kg
1,1'-Biphenyl	ND	360	ug/kg
bis(2-Chloroethoxy) methane	ND	360	ug/kg
bis(2-Chloroethyl)- ether	ND	360	ug/kg
bis(2-Ethylhexyl) phthalate	ND	360	ug/kg
4-Bromophenyl phenyl ether	ND	360	ug/kg
Butyl benzyl phthalate	ND	360	ug/kg
Caprolactam	ND	360	ug/kg
Carbazole	140 J	360	ug/kg
4-Chloroaniline	ND	360	ug/kg
4-Chloro-3-methylphenol	ND	360	ug/kg
2-Chloronaphthalene	ND	360	ug/kg
2-Chlorophenol	ND	360	ug/kg
4-Chlorophenyl phenyl ether	ND	360	ug/kg
Dibenzofuran	48 J	360	ug/kg
3,3'-Dichlorobenzidine	ND	1700	ug/kg
2,4-Dichlorophenol	ND	360	ug/kg
Diethyl phthalate	ND	360	ug/kg
2,4-Dimethylphenol	ND	360	ug/kg
Dimethyl phthalate	ND	360	ug/kg
Di-n-butyl phthalate	ND	360	ug/kg
4,6-Dinitro- 2-methylphenol	ND	1700	ug/kg
2,4-Dinitrophenol	ND	1700	ug/kg
2,4-Dinitrotoluene	ND	360	ug/kg
2,6-Dinitrotoluene	ND	360	ug/kg
Di-n-octyl phthalate	ND	360	ug/kg
Hexachlorobenzene	ND	360	ug/kg
Hexachlorobutadiene	ND	360	ug/kg
Hexachlorocyclopenta- diene	ND	1700	ug/kg

(Continued on next page)

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_14.4-15.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-009 Work Order #....: JW2N31AL Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Hexachloroethane	ND	360	ug/kg
Isophorone	ND	360	ug/kg
2-Methylnaphthalene	ND	360	ug/kg
2-Methylphenol	ND	360	ug/kg
4-Methylphenol	ND	360	ug/kg
2-Nitroaniline	ND	1700	ug/kg
3-Nitroaniline	ND	1700	ug/kg
4-Nitroaniline	ND	1700	ug/kg
Nitrobenzene	ND	360	ug/kg
2-Nitrophenol	ND	360	ug/kg
4-Nitrophenol	ND	1700	ug/kg
N-Nitrosodi-n-propyl-amine	ND	360	ug/kg
N-Nitrosodiphenylamine	ND	360	ug/kg
2,2'-oxybis(1-Chloropropane)	ND	360	ug/kg
Pentachlorophenol	ND	1700	ug/kg
Phenol	ND	360	ug/kg
2,4,5-Trichloro-phenol	ND	360	ug/kg
2,4,6-Trichloro-phenol	ND	360	ug/kg

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4,6-Tribromophenol	48	(21 - 144)
2-Fluorobiphenyl	51	(26 - 128)
2-Fluorophenol	53	(34 - 115)
Nitrobenzene-d5	49	(30 - 118)
Phenol-d5	55	(35 - 117)
Terphenyl-d14	62	(40 - 115)

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_14.4-15.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-009 Work Order #....: JW2N31AM Matrix.....: SO
 Date Sampled...: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138003
 Prep Date.....: 05/18/07 Analysis Date...: 05/19/07
 Prep Batch #....: 7138011 Analysis Time...: 14:21
 Dilution Factor: 2
 % Moisture.....: 8.3 Method.....: SW846 8270C SIM

PARAMETER	REPORTING		
	RESULT	LIMIT	UNITS
Naphthalene	30	15	ug/kg
Acenaphthylene	20	15	ug/kg
Acenaphthene	190	15	ug/kg
Fluorene	120	15	ug/kg
Phenanthrene	950	15	ug/kg
Anthracene	300	15	ug/kg
Fluoranthene	1700 E	15	ug/kg
Pyrene	1100	15	ug/kg
Benzo(a)anthracene	960	15	ug/kg
Chrysene	950	15	ug/kg
Benzo(b)fluoranthene	1400	15	ug/kg
Benzo(k)fluoranthene	490	15	ug/kg
Benzo(a)pyrene	1000	15	ug/kg
Indeno(1,2,3-cd)pyrene	800	15	ug/kg
Dibenzo(a,h)anthracene	250	15	ug/kg
Benzo(ghi)perylene	960	15	ug/kg

NOTE (S) :

Results and reporting limits have been adjusted for dry weight.

E Estimated result. Result concentration exceeds the calibration range.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_14.4-15.0

GC/MS Semivolatiles

Lot-Sample #....: C7E160127-009 Work Order #....: JW2N32AM Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7138003
 Prep Date.....: 05/18/07 Analysis Date...: 05/19/07
 Prep Batch #....: 7138011 Analysis Time...: 15:45
 Dilution Factor: 10
 % Moisture.....: 8.3 Method.....: SW846 8270C SIM

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>
Naphthalene	51 J	73	ug/kg
Acenaphthylene	68 J	73	ug/kg
Acenaphthene	140	73	ug/kg
Fluorene	100	73	ug/kg
Phenanthrene	850	73	ug/kg
Anthracene	280	73	ug/kg
Fluoranthene	1600	73	ug/kg
Pyrene	1200	73	ug/kg
Benzo(a)anthracene	810	73	ug/kg
Chrysene	880	73	ug/kg
Benzo(b)fluoranthene	1100	73	ug/kg
Benzo(k)fluoranthene	380	73	ug/kg
Benzo(a)pyrene	830	73	ug/kg
Indeno(1,2,3-cd)pyrene	600	73	ug/kg
Dibenzo(a,h)anthracene	170	73	ug/kg
Benzo(ghi)perylene	700	73	ug/kg

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_14.4-15.0

GC Semivolatiles

Lot-Sample #....: C7E160127-009 Work Order #....: JW2N31AJ Matrix.....: SO
 Date Sampled....: 05/15/07 Date Received...: 05/16/07 MS Run #.....: 7137253
 Prep Date.....: 05/17/07 Analysis Date...: 05/18/07
 Prep Batch #....: 7137436 Analysis Time...: 23:26
 Dilution Factor: 1
 % Moisture.....: 8.3 Method.....: SW846 8082

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>	
Aroclor 1016	ND	18	ug/kg
Aroclor 1221	ND	18	ug/kg
Aroclor 1232	ND	18	ug/kg
Aroclor 1242	ND	18	ug/kg
Aroclor 1248	5.6 J	18	ug/kg
Aroclor 1254	ND	18	ug/kg
Aroclor 1260	ND	18	ug/kg
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>LIMITS</u>
Tetrachloro-m-xylene	93	(31 - 127)	
Decachlorobiphenyl	95	(23 - 141)	

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

J Estimated result. Result is less than RL.

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Client Sample ID: AETP-2_14.4-15.0

TOTAL Metals

Lot-Sample #....: C7E160127-009

Matrix.....: SO

Date Sampled...: 05/15/07

Date Received...: 05/16/07

% Moisture.....: 8.3

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
		LIMIT	UNITS				
Prep Batch #....:	7136252						
Silver	0.0064 B	0.11	mg/kg	SW846 6020		05/17-05/28/07 JW2N31AP	
		Dilution Factor: 1			Analysis Time...: 18:06		MS Run #.....: 7136138
Arsenic	2.6	0.11	mg/kg	SW846 6020		05/17-05/28/07 JW2N31AR	
		Dilution Factor: 1			Analysis Time...: 18:06		MS Run #.....: 7136138
Beryllium	0.22	0.11	mg/kg	SW846 6020		05/17-05/28/07 JW2N31AU	
		Dilution Factor: 1			Analysis Time...: 18:06		MS Run #.....: 7136138
Cadmium	0.14	0.11	mg/kg	SW846 6020		05/17-05/28/07 JW2N31AW	
		Dilution Factor: 1			Analysis Time...: 18:06		MS Run #.....: 7136138
Chromium	30.7	0.22	mg/kg	SW846 6020		05/17-05/28/07 JW2N31A0	
		Dilution Factor: 1			Analysis Time...: 18:06		MS Run #.....: 7136138
Copper	9.2	0.22	mg/kg	SW846 6020		05/17-05/28/07 JW2N31A1	
		Dilution Factor: 1			Analysis Time...: 18:06		MS Run #.....: 7136138
Nickel	11.2	0.11	mg/kg	SW846 6020		05/17-05/28/07 JW2N31A7	
		Dilution Factor: 1			Analysis Time...: 18:06		MS Run #.....: 7136138
Lead	19.8	0.11	mg/kg	SW846 6020		05/17-05/28/07 JW2N31AA	
		Dilution Factor: 1			Analysis Time...: 18:06		MS Run #.....: 7136138
Selenium	0.21 B	0.55	mg/kg	SW846 6020		05/17-05/28/07 JW2N31AC	
		Dilution Factor: 1			Analysis Time...: 18:06		MS Run #.....: 7136138
Thallium	0.032 B,J	0.11	mg/kg	SW846 6020		05/17-05/28/07 JW2N31AD	
		Dilution Factor: 1			Analysis Time...: 18:06		MS Run #.....: 7136138
Antimony	0.063 B	0.22	mg/kg	SW846 6020		05/17-05/28/07 JW2N31AE	
		Dilution Factor: 1			Analysis Time...: 18:06		MS Run #.....: 7136138
Zinc	38.9	0.55	mg/kg	SW846 6020		05/17-05/28/07 JW2N31AG	
		Dilution Factor: 1			Analysis Time...: 18:06		MS Run #.....: 7136138

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Client Sample ID: AFTP-2_14.4-15.0

TOTAL Metals

Lot-Sample #....: C7E160127-009

Matrix.....: SO

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
Prep Batch #....:	7157020					
Mercury	0.021 B	0.036	mg/kg	SW846 7471A	06/06/07	JW2N31AH

Dilution Factor: 1 Analysis Time...: 10:30 MS Run #.....: 7157011

NOTE(S) :

Results and reporting limits have been adjusted for dry weight.

B Estimated result. Result is less than RL.

J Method blank contamination. The associated method blank contains the target analyte at a reportable level.

Langan Engineering & Environmental Svcs

Client Sample ID: AETP-2_14.4-15.0

General Chemistry

Lot-Sample #....: C7E160127-009 Work Order #....: JW2N3 Matrix.....: SO
Date Sampled...: 05/15/07 Date Received..: 05/16/07
% Moisture.....: 8.3

PARAMETER	RESULT	RL	UNITS	METHOD	PREPARATION-	PREP
					ANALYSIS DATE	BATCH #
Percent Solids	91.7		%	MCAWW 160.3 MOD	05/16-05/17/07	7136243
		Dilution Factor:	1		Analysis Time...: 13:01	MS Run #.....: 7136132

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #...: C7E160127
MB Lot-Sample #: C7E200000-012

Work Order #...: JXC3J1AA

Matrix.....: SOLID

Analysis Date..: 05/19/07
Dilution Factor: 1

Prep Date.....: 05/19/07
Prep Batch #...: 7140012

Analysis Time..: 22:02

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	ND	20	ug/kg	SW846 8260B
Benzene	ND	5.0	ug/kg	SW846 8260B
Bromodichloromethane	ND	5.0	ug/kg	SW846 8260B
Bromoform	ND	5.0	ug/kg	SW846 8260B
Bromomethane	ND	5.0	ug/kg	SW846 8260B
2-Butanone	ND	5.0	ug/kg	SW846 8260B
Carbon disulfide	ND	5.0	ug/kg	SW846 8260B
Carbon tetrachloride	ND	5.0	ug/kg	SW846 8260B
Chlorobenzene	ND	5.0	ug/kg	SW846 8260B
Chloroethane	ND	5.0	ug/kg	SW846 8260B
Chloroform	ND	5.0	ug/kg	SW846 8260B
Chloromethane	ND	5.0	ug/kg	SW846 8260B
Cyclohexane	ND	5.0	ug/kg	SW846 8260B
Dibromochloromethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromo-3-chloropropane	ND	5.0	ug/kg	SW846 8260B
1,2-Dibromoethane	ND	5.0	ug/kg	SW846 8260B
1,3-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,4-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichlorobenzene	ND	5.0	ug/kg	SW846 8260B
Dichlorodifluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
cis-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
trans-1,2-Dichloroethene	ND	5.0	ug/kg	SW846 8260B
1,2-Dichloropropane	ND	5.0	ug/kg	SW846 8260B
cis-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
trans-1,3-Dichloropropene	ND	5.0	ug/kg	SW846 8260B
Ethylbenzene	ND	5.0	ug/kg	SW846 8260B
2-Hexanone	ND	5.0	ug/kg	SW846 8260B
Isopropylbenzene	ND	5.0	ug/kg	SW846 8260B
Methyl acetate	ND	5.0	ug/kg	SW846 8260B
Methylene chloride	ND	5.0	ug/kg	SW846 8260B
Methylcyclohexane	ND	5.0	ug/kg	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/kg	SW846 8260B
Methyl tert-butyl ether	ND	5.0	ug/kg	SW846 8260B
Styrene	ND	5.0	ug/kg	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	5.0	ug/kg	SW846 8260B
1,2,4-Trichlorobenzene	ND	5.0	ug/kg	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: C7E160127

Work Order #....: JXC3J1AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING</u>		<u>METHOD</u>
		<u>LIMIT</u>	<u>UNITS</u>	
Tetrachloroethene	ND	5.0	ug/kg	SW846 8260B
1,1,1-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloroethane	ND	5.0	ug/kg	SW846 8260B
Trichloroethene	ND	5.0	ug/kg	SW846 8260B
Trichlorofluoromethane	ND	5.0	ug/kg	SW846 8260B
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	5.0	ug/kg	SW846 8260B
Toluene	ND	5.0	ug/kg	SW846 8260B
Vinyl chloride	ND	5.0	ug/kg	SW846 8260B
Xylenes (total)	ND	15	ug/kg	SW846 8260B
<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>		
	<u>RECOVERY</u>	<u>LIMITS</u>		
1,2-Dichloroethane-d4	97	(52 - 124)		
Toluene-d8	109	(72 - 127)		
4-Bromofluorobenzene	108	(63 - 120)		
Dibromofluoromethane	102	(68 - 121)		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: C7E160127
MB Lot-Sample #: C7E250000-272
Analysis Date..: 05/25/07
Dilution Factor: 1

Work Order #....: JXP3D1AA

Matrix.....: WATER

Prep Date.....: 05/25/07
Prep Batch #....: 7145272

Analysis Time..: 10:35

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetone	ND	5.0	ug/L	SW846 8260B
Benzene	ND	1.0	ug/L	SW846 8260B
Bromodichloromethane	ND	1.0	ug/L	SW846 8260B
Bromoform	ND	1.0	ug/L	SW846 8260B
Bromomethane	ND	1.0	ug/L	SW846 8260B
2-Butanone	ND	5.0	ug/L	SW846 8260B
Carbon disulfide	ND	1.0	ug/L	SW846 8260B
Carbon tetrachloride	ND	1.0	ug/L	SW846 8260B
Chlorobenzene	ND	1.0	ug/L	SW846 8260B
Chloroethane	ND	1.0	ug/L	SW846 8260B
Chloroform	ND	1.0	ug/L	SW846 8260B
Chloromethane	ND	1.0	ug/L	SW846 8260B
Cyclohexane	ND	1.0	ug/L	SW846 8260B
Dibromochloromethane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromo-3-chloro-propane	ND	1.0	ug/L	SW846 8260B
1,2-Dibromoethane	ND	1.0	ug/L	SW846 8260B
1,3-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,4-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
1,2-Dichlorobenzene	ND	1.0	ug/L	SW846 8260B
Dichlorodifluoromethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,2-Dichloroethane	ND	1.0	ug/L	SW846 8260B
1,1-Dichloroethene	ND	1.0	ug/L	SW846 8260B
cis-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
trans-1,2-Dichloroethene	ND	1.0	ug/L	SW846 8260B
1,2-Dichloropropane	ND	1.0	ug/L	SW846 8260B
cis-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
trans-1,3-Dichloropropene	ND	1.0	ug/L	SW846 8260B
Ethylbenzene	ND	1.0	ug/L	SW846 8260B
2-Hexanone	ND	5.0	ug/L	SW846 8260B
Isopropylbenzene	ND	1.0	ug/L	SW846 8260B
Methyl acetate	ND	1.0	ug/L	SW846 8260B
Methylene chloride	ND	1.0	ug/L	SW846 8260B
Methylcyclohexane	ND	1.0	ug/L	SW846 8260B
4-Methyl-2-pentanone	ND	5.0	ug/L	SW846 8260B
Methyl tert-butyl ether	ND	1.0	ug/L	SW846 8260B
Styrene	ND	1.0	ug/L	SW846 8260B
1,1,2,2-Tetrachloroethane	ND	1.0	ug/L	SW846 8260B
1,2,4-Trichloro-benzene	ND	1.0	ug/L	SW846 8260B

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METHOD BLANK REPORT

GC/MS Volatiles

Client Lot #....: C7E160127

Work Order #....: JXP3D1AA

Matrix.....: WATER

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	METHOD
Tetrachloroethene	ND	1.0	ug/L	SW846 8260B
1,1,1-Trichloroethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloroethane	ND	1.0	ug/L	SW846 8260B
Trichloroethene	ND	1.0	ug/L	SW846 8260B
Trichlorofluoromethane	ND	1.0	ug/L	SW846 8260B
1,1,2-Trichloro- 1,2,2-trifluoroethane	ND	1.0	ug/L	SW846 8260B
Toluene	ND	1.0	ug/L	SW846 8260B
Vinyl chloride	ND	1.0	ug/L	SW846 8260B
Xylenes (total)	ND	3.0	ug/L	SW846 8260B
SURROGATE	PERCENT		RECOVERY	
	RECOVERY	LIMITS	(71 - 118)	(64 - 135)
Toluene-d8	108			
1,2-Dichloroethane-d4	100			
4-Bromofluorobenzene	110			
Dibromofluoromethane	99			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: C7E160127
MB Lot-Sample #: C7E180000-010

Work Order #....: JW7071AA

Matrix.....: SOLID

Analysis Date..: 06/08/07
Dilution Factor: 1

Prep Date.....: 05/18/07
Prep Batch #....: 7138010

Analysis Time..: 13:16

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetophenone	ND	330	ug/kg	SW846 8270C
Atrazine	ND	330	ug/kg	SW846 8270C
Benzaldehyde	ND	330	ug/kg	SW846 8270C
1,1'-Biphenyl	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethoxy) methane	ND	330	ug/kg	SW846 8270C
bis(2-Chloroethyl)- ether	ND	330	ug/kg	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	330	ug/kg	SW846 8270C
4-Bromophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Butyl benzyl phthalate	ND	330	ug/kg	SW846 8270C
Caprolactam	ND	330	ug/kg	SW846 8270C
Carbazole	ND	330	ug/kg	SW846 8270C
4-Chloroaniline	ND	330	ug/kg	SW846 8270C
4-Chloro-3-methylphenol	ND	330	ug/kg	SW846 8270C
2-Chloronaphthalene	ND	330	ug/kg	SW846 8270C
2-Chlorophenol	ND	330	ug/kg	SW846 8270C
4-Chlorophenyl phenyl ether	ND	330	ug/kg	SW846 8270C
Dibenzofuran	ND	330	ug/kg	SW846 8270C
3,3'-Dichlorobenzidine	ND	1600	ug/kg	SW846 8270C
2,4-Dichlorophenol	ND	330	ug/kg	SW846 8270C
Diethyl phthalate	ND	330	ug/kg	SW846 8270C
2,4-Dimethylphenol	ND	330	ug/kg	SW846 8270C
Dimethyl phthalate	ND	330	ug/kg	SW846 8270C
Di-n-butyl phthalate	ND	330	ug/kg	SW846 8270C
4,6-Dinitro- 2-methylphenol	ND	1600	ug/kg	SW846 8270C
2,4-Dinitrophenol	ND	1600	ug/kg	SW846 8270C
2,4-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
2,6-Dinitrotoluene	ND	330	ug/kg	SW846 8270C
Di-n-octyl phthalate	ND	330	ug/kg	SW846 8270C
Hexachlorobenzene	ND	330	ug/kg	SW846 8270C
Hexachlorobutadiene	ND	330	ug/kg	SW846 8270C
Hexachlorocyclopenta- diene	ND	1600	ug/kg	SW846 8270C
Hexachloroethane	ND	330	ug/kg	SW846 8270C
Isophorone	ND	330	ug/kg	SW846 8270C
2-Methylnaphthalene	ND	330	ug/kg	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: C7E160127

Work Order #....: JW7071AA

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
2-Methylphenol	ND	330	ug/kg	SW846 8270C
4-Methylphenol	ND	330	ug/kg	SW846 8270C
2-Nitroaniline	ND	1600	ug/kg	SW846 8270C
3-Nitroaniline	ND	1600	ug/kg	SW846 8270C
4-Nitroaniline	ND	1600	ug/kg	SW846 8270C
Nitrobenzene	ND	1600	ug/kg	SW846 8270C
2-Nitrophenol	ND	330	ug/kg	SW846 8270C
4-Nitrophenol	ND	330	ug/kg	SW846 8270C
N-Nitrosodi-n-propyl- amine	ND	1600	ug/kg	SW846 8270C
N-Nitrosodiphenylamine	ND	330	ug/kg	SW846 8270C
2,2'-oxybis(1-Chloropropane)	ND	330	ug/kg	SW846 8270C
Pentachlorophenol	ND	1600	ug/kg	SW846 8270C
Phenol	ND	330	ug/kg	SW846 8270C
2,4,5-Trichloro- phenol	ND	330	ug/kg	SW846 8270C
2,4,6-Trichloro- phenol	ND	330	ug/kg	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4,6-Tribromophenol	63	(21 - 144)
2-Fluorobiphenyl	53	(26 - 128)
2-Fluorophenol	52	(34 - 115)
Nitrobenzene-d5	50	(30 - 118)
Phenol-d5	57	(35 - 117)
Terphenyl-d14	81	(40 - 115)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: C7E160127
MB Lot-Sample #: C7E180000-205

Work Order #....: JW8LR1AA

Matrix.....: WATER

Analysis Date...: 05/21/07
Dilution Factor: 1

Prep Date.....: 05/18/07
Prep Batch #....: 7138205

Analysis Time...: 04:09

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Acetophenone	ND	10	ug/L	SW846 8270C
Atrazine	ND	10	ug/L	SW846 8270C
Benzaldehyde	ND	10	ug/L	SW846 8270C
1,1'-Biphenyl	ND	10	ug/L	SW846 8270C
bis(2-Chloroethoxy) methane	ND	10	ug/L	SW846 8270C
bis(2-Chloroethyl)- ether	ND	10	ug/L	SW846 8270C
bis(2-Ethylhexyl) phthalate	ND	10	ug/L	SW846 8270C
4-Bromophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Butyl benzyl phthalate	ND	10	ug/L	SW846 8270C
Caprolactam	ND	10	ug/L	SW846 8270C
Carbazole	ND	10	ug/L	SW846 8270C
4-Chloroaniline	ND	10	ug/L	SW846 8270C
4-Chloro-3-methylphenol	ND	10	ug/L	SW846 8270C
2-Chloronaphthalene	ND	10	ug/L	SW846 8270C
2-Chlorophenol	ND	10	ug/L	SW846 8270C
4-Chlorophenyl phenyl ether	ND	10	ug/L	SW846 8270C
Dibenzofuran	ND	10	ug/L	SW846 8270C
3,3'-Dichlorobenzidine	ND	50	ug/L	SW846 8270C
2,4-Dichlorophenol	ND	10	ug/L	SW846 8270C
Diethyl phthalate	ND	10	ug/L	SW846 8270C
2,4-Dimethylphenol	ND	10	ug/L	SW846 8270C
Dimethyl phthalate	ND	10	ug/L	SW846 8270C
Di-n-butyl phthalate	ND	10	ug/L	SW846 8270C
4,6-Dinitro- 2-methylphenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrophenol	ND	50	ug/L	SW846 8270C
2,4-Dinitrotoluene	ND	10	ug/L	SW846 8270C
2,6-Dinitrotoluene	ND	10	ug/L	SW846 8270C
Di-n-octyl phthalate	ND	10	ug/L	SW846 8270C
Hexachlorobenzene	ND	10	ug/L	SW846 8270C
Hexachlorobutadiene	ND	10	ug/L	SW846 8270C
Hexachlorocyclopenta-diene	ND	50	ug/L	SW846 8270C
Hexachloroethane	ND	10	ug/L	SW846 8270C
Isophorone	ND	10	ug/L	SW846 8270C
2-Methylnaphthalene	ND	10	ug/L	SW846 8270C

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METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: C7E160127

Work Order #....: JW8LR1AA

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>
2-Methylphenol	ND	10	ug/L	SW846 8270C
4-Methylphenol	ND	10	ug/L	SW846 8270C
2-Nitroaniline	ND	50	ug/L	SW846 8270C
3-Nitroaniline	ND	50	ug/L	SW846 8270C
4-Nitroaniline	ND	50	ug/L	SW846 8270C
Nitrobenzene	ND	10	ug/L	SW846 8270C
2-Nitrophenol	ND	10	ug/L	SW846 8270C
4-Nitrophenol	ND	50	ug/L	SW846 8270C
N-Nitrosodi-n-propyl- amine	ND	10	ug/L	SW846 8270C
N-Nitrosodiphenylamine	ND	10	ug/L	SW846 8270C
2,2'-oxybis(1-Chloropropene)	ND	10	ug/L	SW846 8270C
Pentachlorophenol	ND	50	ug/L	SW846 8270C
Phenol	ND	10	ug/L	SW846 8270C
2,4,5-Trichloro- phenol	ND	10	ug/L	SW846 8270C
2,4,6-Trichloro- phenol	ND	10	ug/L	SW846 8270C
<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>		
2,4,6-Tribromophenol	78	(19 - 138)		
2-Fluorobiphenyl	81	(35 - 115)		
2-Fluorophenol	79	(10 - 118)		
Nitrobenzene-d5	81	(39 - 115)		
Phenol-d5	89	(18 - 115)		
Terphenyl-d14	91	(17 - 129)		

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: C7E160127
MB Lot-Sample #: C7E180000-011

Work Order #....: JW7081AA

Matrix.....: SOLID

Analysis Date..: 05/19/07
Dilution Factor: 1

Prep Date.....: 05/18/07
Prep Batch #....: 7138011

Analysis Time...: 06:23

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Naphthalene	ND	6.7	ug/kg	SW846 8270C SIM
Acenaphthylene	ND	6.7	ug/kg	SW846 8270C SIM
Acenaphthene	ND	6.7	ug/kg	SW846 8270C SIM
Fluorene	ND	6.7	ug/kg	SW846 8270C SIM
Phenanthrene	ND	6.7	ug/kg	SW846 8270C SIM
Anthracene	ND	6.7	ug/kg	SW846 8270C SIM
Fluoranthene	ND	6.7	ug/kg	SW846 8270C SIM
Pyrene	ND	6.7	ug/kg	SW846 8270C SIM
Benzo(a)anthracene	ND	6.7	ug/kg	SW846 8270C SIM
Chrysene	ND	6.7	ug/kg	SW846 8270C SIM
Benzo(b)fluoranthene	ND	6.7	ug/kg	SW846 8270C SIM
Benzo(k)fluoranthene	ND	6.7	ug/kg	SW846 8270C SIM
Benzo(a)pyrene	ND	6.7	ug/kg	SW846 8270C SIM
Indeno(1,2,3-cd)pyrene	ND	6.7	ug/kg	SW846 8270C SIM
Dibenzo(a,h)anthracene	ND	6.7	ug/kg	SW846 8270C SIM
Benzo(ghi)perylene	ND	6.7	ug/kg	SW846 8270C SIM

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC/MS Semivolatiles

Client Lot #....: C7E160127
MB Lot-Sample #: C7E180000-210

Analysis Date...: 05/22/07
Dilution Factor: 1

Work Order #....: JW8L91AA

Matrix.....: WATER

Prep Date.....: 05/18/07
Prep Batch #....: 7138210

Analysis Time...: 04:25

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Naphthalene	ND	0.20	ug/L	SW846 8270C SIM
Acenaphthylene	ND	0.20	ug/L	SW846 8270C SIM
Acenaphthene	ND	0.20	ug/L	SW846 8270C SIM
Fluorene	ND	0.20	ug/L	SW846 8270C SIM
Phenanthrene	ND	0.20	ug/L	SW846 8270C SIM
Anthracene	ND	0.20	ug/L	SW846 8270C SIM
Fluoranthene	ND	0.20	ug/L	SW846 8270C SIM
Pyrene	ND	0.20	ug/L	SW846 8270C SIM
Benzo(a)anthracene	ND	0.20	ug/L	SW846 8270C SIM
Chrysene	ND	0.20	ug/L	SW846 8270C SIM
Benzo(b)fluoranthene	ND	0.20	ug/L	SW846 8270C SIM
Benzo(k)fluoranthene	ND	0.20	ug/L	SW846 8270C SIM
Benzo(a)pyrene	ND	0.20	ug/L	SW846 8270C SIM
Indeno(1,2,3-cd)pyrene	ND	0.20	ug/L	SW846 8270C SIM
Dibenzo(a,h)anthracene	ND	0.20	ug/L	SW846 8270C SIM
Benzo(ghi)perylene	ND	0.20	ug/L	SW846 8270C SIM

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: C7E160127
MB Lot-Sample #: C7E160000-471

Work Order #....: JW4KM1AA

Matrix.....: WATER

Analysis Date...: 05/17/07
Dilution Factor: 1

Prep Date.....: 05/16/07
Prep Batch #....: 7136471

Analysis Time...: 20:51

PARAMETER	REPORTING			
	RESULT	LIMIT	UNITS	METHOD
Aroclor 1016	ND	0.40	ug/L	SW846 8082
Aroclor 1221	ND	0.40	ug/L	SW846 8082
Aroclor 1232	ND	0.40	ug/L	SW846 8082
Aroclor 1242	ND	0.40	ug/L	SW846 8082
Aroclor 1248	ND	0.40	ug/L	SW846 8082
Aroclor 1254	ND	0.40	ug/L	SW846 8082
Aroclor 1260	ND	0.40	ug/L	SW846 8082

SURROGATE	PERCENT	RECOVERY
	RECOVERY	LIMITS
Tetrachloro-m-xylene	81	(45 - 120)
Decachlorobiphenyl	92	(24 - 128)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

GC Semivolatiles

Client Lot #....: C7E160127
MB Lot-Sample #: C7E170000-436

Work Order #....: JW66K1AA

Matrix.....: SOLID

Analysis Date...: 05/18/07
Dilution Factor: 1

Prep Date.....: 05/17/07
Prep Batch #....: 7137436

Analysis Time..: 23:49

PARAMETER	RESULT	REPORTING		
		LIMIT	UNITS	METHOD
Aroclor 1016	ND	17	ug/kg	SW846 8082
Aroclor 1221	ND	17	ug/kg	SW846 8082
Aroclor 1232	ND	17	ug/kg	SW846 8082
Aroclor 1242	ND	17	ug/kg	SW846 8082
Aroclor 1248	ND	17	ug/kg	SW846 8082
Aroclor 1254	ND	17	ug/kg	SW846 8082
Aroclor 1260	ND	17	ug/kg	SW846 8082

SURROGATE	PERCENT	RECOVERY	
		RECOVERY	LIMITS
Tetrachloro-m-xylene	93	(31 - 127)	
Decachlorobiphenyl	97	(23 - 141)	

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: C7E160127

Matrix.....: WATER

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MB Lot-Sample #: C7E160000-250				Prep Batch #....: 7136250		
Silver	ND	1.0	ug/L	SW846 6020	05/17-05/28/07	JW24R1AA
		Dilution Factor: 1				
		Analysis Time...: 16:38				
Arsenic	ND	1.0	ug/L	SW846 6020	05/17-05/28/07	JW24R1AD
		Dilution Factor: 1				
		Analysis Time...: 16:38				
Beryllium	ND	1.0	ug/L	SW846 6020	05/17-05/28/07	JW24R1AF
		Dilution Factor: 1				
		Analysis Time...: 16:38				
Cadmium	ND	1.0	ug/L	SW846 6020	05/17-05/28/07	JW24R1AH
		Dilution Factor: 1				
		Analysis Time...: 16:38				
Chromium	0.55 B	2.0	ug/L	SW846 6020	05/17-05/28/07	JW24R1AK
		Dilution Factor: 1				
		Analysis Time...: 16:38				
Copper	ND	2.0	ug/L	SW846 6020	05/17-05/28/07	JW24R1AL
		Dilution Factor: 1				
		Analysis Time...: 16:38				
Nickel	ND	1.0	ug/L	SW846 6020	05/17-05/28/07	JW24R1AT
		Dilution Factor: 1				
		Analysis Time...: 16:38				
Lead	0.038 B	1.0	ug/L	SW846 6020	05/17-05/28/07	JW24R1AU
		Dilution Factor: 1				
		Analysis Time...: 16:38				
Selenium	0.28 B	5.0	ug/L	SW846 6020	05/17-05/28/07	JW24R1AV
		Dilution Factor: 1				
		Analysis Time...: 16:38				
Thallium	ND	1.0	ug/L	SW846 6020	05/17-05/28/07	JW24R1AW
		Dilution Factor: 1				
		Analysis Time...: 16:38				
Antimony	ND	2.0	ug/L	SW846 6020	05/17-05/28/07	JW24R1AX
		Dilution Factor: 1				
		Analysis Time...: 16:38				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: C7E160127

Matrix.....: WATER

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS				
Zinc	ND	5.0	ug/L	SW846 6020	05/17-05/28/07	JW24R1A1	
		Dilution Factor: 1					
		Analysis Time...: 16:38					

MB Lot-Sample #: C7F010000-093 Prep Batch #....: 7152093

Mercury	ND	0.20	ug/L	SW846 7470A	06/01/07	JX3W71AA
		Dilution Factor: 1				
		Analysis Time...: 11:46				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: C7E160127

Matrix.....: SOLID

<u>PARAMETER</u>	<u>RESULT</u>	<u>REPORTING LIMIT</u>	<u>UNITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MB Lot-Sample #: C7E160000-252 Prep Batch #....: 7136252						
Silver	ND	0.10	mg/kg	SW846 6020	05/17-05/28/07	JW2401AA
		Dilution Factor: 1				
		Analysis Time...: 17:07				
Arsenic	ND	0.10	mg/kg	SW846 6020	05/17-05/28/07	JW2401AD
		Dilution Factor: 1				
		Analysis Time...: 17:07				
Beryllium	ND	0.10	mg/kg	SW846 6020	05/17-05/28/07	JW2401AF
		Dilution Factor: 1				
		Analysis Time...: 17:07				
Cadmium	ND	0.10	mg/kg	SW846 6020	05/17-05/28/07	JW2401AH
		Dilution Factor: 1				
		Analysis Time...: 17:07				
Chromium	ND	0.20	mg/kg	SW846 6020	05/17-05/28/07	JW2401AK
		Dilution Factor: 1				
		Analysis Time...: 17:07				
Copper	ND	0.20	mg/kg	SW846 6020	05/17-05/28/07	JW2401AL
		Dilution Factor: 1				
		Analysis Time...: 17:07				
Nickel	ND	0.10	mg/kg	SW846 6020	05/17-05/28/07	JW2401AT
		Dilution Factor: 1				
		Analysis Time...: 17:07				
Lead	ND	0.10	mg/kg	SW846 6020	05/17-05/28/07	JW2401AU
		Dilution Factor: 1				
		Analysis Time...: 17:07				
Selenium	ND	0.50	mg/kg	SW846 6020	05/17-05/28/07	JW2401AV
		Dilution Factor: 1				
		Analysis Time...: 17:07				
Thallium	0.0036 B	0.10	mg/kg	SW846 6020	05/17-05/28/07	JW2401AW
		Dilution Factor: 1				
		Analysis Time...: 17:07				
Antimony	ND	0.20	mg/kg	SW846 6020	05/17-05/28/07	JW2401AX
		Dilution Factor: 1				
		Analysis Time...: 17:07				

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METHOD BLANK REPORT

TOTAL Metals

Client Lot #....: C7E160127

Matrix.....: SOLID

PARAMETER	RESULT	REPORTING			METHOD	PREPARATION-	WORK
		LIMIT	UNITS				
Zinc	ND	0.50	mg/kg		SW846 6020	05/17-05/28/07	JW2401A1
		Dilution Factor: 1					
		Analysis Time...: 17:07					

MB Lot-Sample #: C7F060000-020 Prep Batch #....: 7157020

Mercury	ND	0.033	mg/kg	SW846 7471A	06/06/07	J0CX11AA
		Dilution Factor: 1				
		Analysis Time...: 00:00				

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

B Estimated result. Result is less than RL.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

PARAMETER	PERCENT	RECOVERY	RPD	RPD	METHOD
	RECOVERY	LIMITS		LIMITS	
Benzene	100	(77 - 120)			SW846 8260B
	98	(77 - 120)	2.3	(0-20)	SW846 8260B
Chlorobenzene	114	(79 - 120)			SW846 8260B
	109	(79 - 120)	4.8	(0-20)	SW846 8260B
1,1-Dichloroethene	110	(59 - 129)			SW846 8260B
	105	(59 - 129)	4.3	(0-25)	SW846 8260B
Trichloroethene	103	(76 - 119)			SW846 8260B
	100	(76 - 119)	3.2	(0-21)	SW846 8260B
Toluene	114	(78 - 124)			SW846 8260B
	109	(78 - 124)	4.4	(0-21)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
1,2-Dichloroethane-d4	83	(52 - 124)
	85	(52 - 124)
Toluene-d8	113	(72 - 127)
	109	(72 - 127)
4-Bromofluorobenzene	119	(63 - 120)
	114	(63 - 120)
Dibromofluoromethane	94	(68 - 121)
	94	(68 - 121)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: C7E160127 **Work Order #....:** JXP3D1AC **Matrix.....:** WATER
LCS Lot-Sample#: C7E250000-272
Prep Date.....: 05/25/07 **Analysis Date...:** 05/25/07
Prep Batch #....: 7145272 **Analysis Time...:** 11:43
Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
Benzene	98	(80 - 120)	SW846 8260B
Chlorobenzene	101	(80 - 120)	SW846 8260B
1,1-Dichloroethene	95	(65 - 136)	SW846 8260B
Trichloroethene	89	(73 - 120)	SW846 8260B
Toluene	105	(80 - 123)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Toluene-d8	111	(71 - 118)
1,2-Dichloroethane-d4	97	(64 - 135)
4-Bromofluorobenzene	108	(70 - 118)
Dibromofluoromethane	102	(64 - 128)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #....: C7E160127 **Work Order #....:** JW7071AC **Matrix.....:** SOLID
LCS Lot-Sample#: C7E180000-010
Prep Date.....: 05/18/07 **Analysis Date...:** 06/11/07
Prep Batch #....: 7138010 **Analysis Time...:** 12:30
Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>
1,2,4-Trichloro-benzene	70	(37 - 111)	SW846 8270C
1,4-Dichlorobenzene	70	(36 - 107)	SW846 8270C
Acenaphthene	73	(38 - 112)	SW846 8270C
4-Bromophenyl phenyl ether	79	(46 - 120)	SW846 8270C
Pyrene	80	(43 - 118)	SW846 8270C
Butyl benzyl phthalate	81	(47 - 115)	SW846 8270C
4-Chloro-3-methylphenol	76	(39 - 111)	SW846 8270C
2-Chlorophenol	75	(38 - 109)	SW846 8270C
Naphthalene	77	(44 - 109)	SW846 8270C
2,4-Dinitrotoluene	76	(35 - 117)	SW846 8270C
Hexachloroethane	70	(40 - 106)	SW846 8270C
4-Methylphenol	74	(41 - 117)	SW846 8270C
4-Nitrophenol	81	(30 - 125)	SW846 8270C
N-Nitrosodi-n-propyl-amine	73	(36 - 114)	SW846 8270C
Pentachlorophenol	58	(21 - 127)	SW846 8270C
Phenol	73	(36 - 110)	SW846 8270C

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
2,4,6-Tribromophenol	86	(21 - 144)
2-Fluorobiphenyl	74	(26 - 128)
2-Fluorophenol	68	(34 - 115)
Nitrobenzene-d5	73	(30 - 118)
Phenol-d5	73	(35 - 117)
Terphenyl-d14	90	(40 - 115)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #....: C7E160127 Work Order #....: JW8LR1AC-LCS Matrix.....: WATER
 LCS Lot-Sample#: C7E180000-205 JW8LR1AD-LCSD
 Prep Date.....: 05/18/07 Analysis Date...: 05/21/07
 Prep Batch #....: 7138205 Analysis Time...: 04:36
 Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>LIMITS</u>	<u>METHOD</u>
1,2,4-Trichlorobenzene	67	(39 - 97)			SW846 8270C
	67	(39 - 97)	0.59	(0-32)	SW846 8270C
1,4-Dichlorobenzene	66	(38 - 94)			SW846 8270C
	64	(38 - 94)	2.5	(0-33)	SW846 8270C
Acenaphthene	72	(40 - 97)			SW846 8270C
	69	(40 - 97)	4.8	(0-32)	SW846 8270C
4-Bromophenyl phenyl ether	72	(40 - 105)			SW846 8270C
	70	(40 - 105)	3.1	(0-40)	SW846 8270C
Pyrene	73	(39 - 108)			SW846 8270C
	70	(39 - 108)	4.8	(0-38)	SW846 8270C
Butyl benzyl phthalate	73	(39 - 105)			SW846 8270C
	68	(39 - 105)	6.0	(0-35)	SW846 8270C
4-Chloro-3-methylphenol	73	(38 - 100)			SW846 8270C
	70	(38 - 100)	4.2	(0-32)	SW846 8270C
2-Chlorophenol	69	(38 - 97)			SW846 8270C
	65	(38 - 97)	6.6	(0-31)	SW846 8270C
Naphthalene	69	(38 - 98)			SW846 8270C
	68	(38 - 98)	2.6	(0-39)	SW846 8270C
2,4-Dinitrotoluene	77	(37 - 103)			SW846 8270C
	72	(37 - 103)	5.9	(0-32)	SW846 8270C
Hexachloroethane	67	(35 - 96)			SW846 8270C
	63	(35 - 96)	5.2	(0-43)	SW846 8270C
4-Methylphenol	66	(33 - 106)			SW846 8270C
	63	(33 - 106)	4.9	(0-34)	SW846 8270C
4-Nitrophenol	82	(30 - 112)			SW846 8270C
	75	(30 - 112)	8.4	(0-39)	SW846 8270C
N-Nitrosodi-n-propylamine	68	(36 - 102)			SW846 8270C
	64	(36 - 102)	6.1	(0-36)	SW846 8270C
Pentachlorophenol	81	(13 - 120)			SW846 8270C
	77	(13 - 120)	4.8	(0-56)	SW846 8270C
Phenol	70	(36 - 98)			SW846 8270C
	65	(36 - 98)	6.5	(0-35)	SW846 8270C

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #...: C7E160127 Work Order #...: JW8LR1AC-LCS Matrix.....: WATER
LCS Lot-Sample#: C7E180000-205 JW8LR1AD-LCSD

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
2,4,6-Tribromophenol	78	(19 - 138)
	75	(19 - 138)
2-Fluorobiphenyl	68	(35 - 115)
	68	(35 - 115)
2-Fluorophenol	66	(10 - 118)
	63	(10 - 118)
Nitrobenzene-d5	68	(39 - 115)
	66	(39 - 115)
Phenol-d5	73	(18 - 115)
	69	(18 - 115)
Terphenyl-d14	77	(17 - 129)
	73	(17 - 129)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: C7E160127 **Work Order #....:** JW4KM1AC-LCS **Matrix.....:** WATER
LCS Lot-Sample#: C7E160000-471 JW4KM1AD-LCSD
Prep Date.....: 05/16/07 **Analysis Date..:** 05/17/07
Prep Batch #....: 7136471 **Analysis Time..:** 21:14
Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>LIMITS</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	<u>RPD</u>	<u>LIMITS</u>	
Aroclor 1016	75	(60 - 110)			SW846 8082
	78	(60 - 110)	3.3	(0-27)	SW846 8082
Aroclor 1260	83	(60 - 111)			SW846 8082
	83	(60 - 111)	0.17	(0-24)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>
	<u>RECOVERY</u>	<u>LIMITS</u>
Tetrachloro-m-xylene	86	(45 - 120)
Decachlorobiphenyl	84	(45 - 120)
	95	(24 - 128)
	98	(24 - 128)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: C7E160127 Work Order #....: JW66K1AC Matrix.....: SOLID
LCS Lot-Sample#: C7E170000-436
Prep Date.....: 05/17/07 Analysis Date...: 05/19/07
Prep Batch #....: 7137436 Analysis Time...: 00:12
Dilution Factor: 1

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>
Aroclor 1016	82	(55 - 117)	SW846 8082
Aroclor 1260	85	(54 - 117)	SW846 8082
<u>SURROGATE</u>	<u>RECOVERY</u>	<u>PERCENT</u>	<u>RECOVERY</u>
Tetrachloro-m-xylene		93	(31 - 127)
Decachlorobiphenyl		98	(23 - 141)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #....: C7E160127

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION- ANALYSIS DATE</u>	<u>PREP- BATCH #</u>
Silver	102	(80 - 120)			SW846 6020	05/17-05/28/07	7136250
	102	(80 - 120) 0.74 (0-20)			SW846 6020	05/17-05/28/07	7136250
Arsenic	96	(80 - 120)			SW846 6020	05/17-05/28/07	7136250
	96	(80 - 120) 0.70 (0-20)			SW846 6020	05/17-05/28/07	7136250
Beryllium	90	(80 - 120)			SW846 6020	05/17-05/28/07	7136250
	93	(80 - 120) 3.4 (0-20)			SW846 6020	05/17-05/28/07	7136250
Cadmium	96	(80 - 120)			SW846 6020	05/17-05/28/07	7136250
	94	(80 - 120) 1.6 (0-20)			SW846 6020	05/17-05/28/07	7136250
Chromium	104	(80 - 120)			SW846 6020	05/17-05/28/07	7136250
	106	(80 - 120) 1.2 (0-20)			SW846 6020	05/17-05/28/07	7136250
Copper	106	(80 - 120)			SW846 6020	05/17-05/28/07	7136250
	107	(80 - 120) 0.45 (0-20)			SW846 6020	05/17-05/28/07	7136250
Nickel	105	(80 - 120)			SW846 6020	05/17-05/28/07	7136250
	106	(80 - 120) 0.60 (0-20)			SW846 6020	05/17-05/28/07	7136250
Lead	97	(80 - 120)			SW846 6020	05/17-05/28/07	7136250
	97	(80 - 120) 0.20 (0-20)			SW846 6020	05/17-05/28/07	7136250
Selenium	100	(80 - 120)			SW846 6020	05/17-05/28/07	7136250
	98	(80 - 120) 1.4 (0-20)			SW846 6020	05/17-05/28/07	7136250
Thallium	97	(80 - 120)			SW846 6020	05/17-05/28/07	7136250
	97	(80 - 120) 0.14 (0-20)			SW846 6020	05/17-05/28/07	7136250

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Lot-Sample #....: C7E160127

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP-</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	<u>RPD</u>		<u>ANALYSIS DATE</u>	<u>BATCH #</u>
Antimony	95	(80 - 120)		SW846 6020	05/17-05/28/07	7136250
	94	(80 - 120)	1.2	(0-20)	SW846 6020	05/17-05/28/07 7136250
		Dilution Factor: 1		Analysis Time...: 16:55		
Zinc	95	(80 - 120)		SW846 6020	05/17-05/28/07	7136250
	94	(80 - 120)	0.50	(0-20)	SW846 6020	05/17-05/28/07 7136250
		Dilution Factor: 1		Analysis Time...: 16:55		

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C7E160127

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
LCS Lot-Sample#: C7E160000-252 Prep Batch #....: 7136252					
Silver	98	(80 - 120)	SW846 6020	05/17-05/28/07 JW2401A2	Dilution Factor: 1 Analysis Time...: 17:12
Arsenic	92	(80 - 120)	SW846 6020	05/17-05/28/07 JW2401A4	Dilution Factor: 1 Analysis Time...: 17:12
Beryllium	87	(80 - 120)	SW846 6020	05/17-05/28/07 JW2401A6	Dilution Factor: 1 Analysis Time...: 17:12
Cadmium	92	(80 - 120)	SW846 6020	05/17-05/28/07 JW2401A8	Dilution Factor: 1 Analysis Time...: 17:12
Chromium	101	(80 - 120)	SW846 6020	05/17-05/28/07 JW2401CA	Dilution Factor: 1 Analysis Time...: 17:12
Copper	105	(80 - 120)	SW846 6020	05/17-05/28/07 JW2401CC	Dilution Factor: 1 Analysis Time...: 17:12
Nickel	104	(80 - 120)	SW846 6020	05/17-05/28/07 JW2401CJ	Dilution Factor: 1 Analysis Time...: 17:12
Lead	94	(80 - 120)	SW846 6020	05/17-05/28/07 JW2401CK	Dilution Factor: 1 Analysis Time...: 17:12
Selenium	90	(80 - 120)	SW846 6020	05/17-05/28/07 JW2401CL	Dilution Factor: 1 Analysis Time...: 17:12
Thallium	95	(80 - 120)	SW846 6020	05/17-05/28/07 JW2401CM	Dilution Factor: 1 Analysis Time...: 17:12
Antimony	90	(80 - 120)	SW846 6020	05/17-05/28/07 JW2401CN	Dilution Factor: 1 Analysis Time...: 17:12
Zinc	92	(80 - 120)	SW846 6020	05/17-05/28/07 JW2401CQ	Dilution Factor: 1 Analysis Time...: 17:12
LCS Lot-Sample#: C7F060000-020 Prep Batch #....: 7157020					
Mercury	100	(80 - 120)	SW846 7471A	06/06/07 J0CX11AC	Dilution Factor: 1 Analysis Time...: 00:00

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LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C7E160127

Matrix.....: SOLID

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>ANALYSIS DATE</u>	<u>WORK ORDER #</u>
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NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

LABORATORY CONTROL SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C7E160127

Matrix.....: WATER

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>WORK ORDER #</u>
	<u>RECOVERY</u>	<u>LIMITS</u>		<u>ANALYSIS DATE</u>	
LCS Lot-Sample#:	C7F010000-093	Prep Batch #....:	7152093		
Mercury	98	(80 - 120)	SW846 7470A	06/01/07	JX3W71AC
		Dilution Factor: 1		Analysis Time...:	11:48

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Volatiles

Client Lot #....: C7E160127	Work Order #....: JXCR01AC-MS	Matrix.....: WATER
MS Lot-Sample #: C7E190200-003	JXCR01AD-MSD	
Date Sampled....: 05/16/07	Date Received..: 05/19/07	MS Run #.....: 7145156
Prep Date.....: 05/25/07	Analysis Date...: 05/25/07	
Prep Batch #....: 7145272	Analysis Time..: 12:14	
Dilution Factor: 1		

<u>PARAMETER</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>RPD</u>	<u>LIMITS</u>	<u>METHOD</u>
	<u>RECOVERY</u>	<u>LIMITS</u>			
Benzene	100	(73 - 120)			SW846 8260B
	99	(73 - 120)	1.5	(0-32)	SW846 8260B
Chlorobenzene	102	(80 - 120)			SW846 8260B
	103	(80 - 120)	1.8	(0-29)	SW846 8260B
1,1-Dichloroethene	102	(60 - 139)			SW846 8260B
	97	(60 - 139)	5.0	(0-48)	SW846 8260B
Trichloroethene	91	(53 - 135)			SW846 8260B
	91	(53 - 135)	0.86	(0-36)	SW846 8260B
Toluene	104	(75 - 126)			SW846 8260B
	106	(75 - 126)	1.6	(0-35)	SW846 8260B

<u>SURROGATE</u>	<u>PERCENT</u>	<u>RECOVERY</u>	<u>LIMITS</u>
	<u>RECOVERY</u>	<u>LIMITS</u>	
Toluene-d8	112	(71 - 118)	
	114	(71 - 118)	
1,2-Dichloroethane-d4	95	(64 - 135)	
	91	(64 - 135)	
4-Bromofluorobenzene	111	(70 - 118)	
	111	(70 - 118)	
Dibromofluoromethane	100	(64 - 128)	
	102	(64 - 128)	

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #....: C7E160127	Work Order #....: JW0NM1CC-MS	Matrix.....: SOLID
MS Lot-Sample #: C7E150154-001	JW0NM1CD-MSD	
Date Sampled....: 05/14/07	Date Received...: 05/15/07	MS Run #.....: 7138002
Prep Date.....: 05/18/07	Analysis Date...: 06/11/07	
Prep Batch #....: 7138010	Analysis Time...: 13:15	
Dilution Factor: 1	* Moisture.....: 12	

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD
					SW846 8270C
1,2,4-Trichloro-benzene	67	(21 - 118)			
	74	(21 - 118)	9.9	(0-49)	SW846 8270C
1,4-Dichlorobenzene	67	(20 - 105)			SW846 8270C
	70	(20 - 105)	5.3	(0-62)	SW846 8270C
Acenaphthene	74	(15 - 130)			SW846 8270C
	81	(15 - 130)	9.6	(0-50)	SW846 8270C
4-Bromophenyl phenyl ether	84	(27 - 136)			SW846 8270C
	87	(27 - 136)	3.6	(0-48)	SW846 8270C
Pyrene	86	(10 - 168)			SW846 8270C
	96	(10 - 168)	8.9	(0-69)	SW846 8270C
Butyl benzyl phthalate	87	(27 - 130)			SW846 8270C
	98	(27 - 130)	11	(0-48)	SW846 8270C
4-Chloro-3-methylphenol	78	(16 - 128)			SW846 8270C
	84	(16 - 128)	7.7	(0-52)	SW846 8270C
2-Chlorophenol	73	(16 - 120)			SW846 8270C
	79	(16 - 120)	8.1	(0-54)	SW846 8270C
Naphthalene	72	(10 - 140)			SW846 8270C
	78	(10 - 140)	7.2	(0-56)	SW846 8270C
2,4-Dinitrotoluene	80	(15 - 132)			SW846 8270C
	84	(15 - 132)	4.3	(0-49)	SW846 8270C
Hexachloroethane	61	(13 - 111)			SW846 8270C
	68	(13 - 111)	9.7	(0-63)	SW846 8270C
4-Methylphenol	73	(17 - 131)			SW846 8270C
	78	(17 - 131)	7.5	(0-50)	SW846 8270C
4-Nitrophenol	55	(10 - 154)			SW846 8270C
	63	(10 - 154)	13	(0-88)	SW846 8270C
N-Nitrosodi-n-propyl-amine	71	(30 - 118)			SW846 8270C
	73	(30 - 118)	3.1	(0-51)	SW846 8270C
Pentachlorophenol	18	(10 - 136)			SW846 8270C
	40	(10 - 136)	77	(0-123)	SW846 8270C
Phenol	73	(19 - 119)			SW846 8270C
	79	(19 - 119)	7.6	(0-50)	SW846 8270C

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MATRIX SPIKE SAMPLE EVALUATION REPORT

GC/MS Semivolatiles

Client Lot #....: C7E160127
MS Lot-Sample #: C7E150154-001

Work Order #....: JW0NM1CC-MS
JW0NM1CD-MSD

Matrix.....: SOLID

<u>SURROGATE</u>	PERCENT <u>RECOVERY</u>	RECOVERY <u>LIMITS</u>
2,4,6-Tribromophenol	82	(21 - 144)
	83	(21 - 144)
2-Fluorobiphenyl	74	(26 - 128)
	78	(26 - 128)
2-Fluorophenol	68	(34 - 115)
	75	(34 - 115)
Nitrobenzene-d5	68	(30 - 118)
	76	(30 - 118)
Phenol-d5	81	(35 - 117)
	86	(35 - 117)
Terphenyl-d14	95	(40 - 115)
	103	(40 - 115)

NOTE (S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

GC Semivolatiles

Client Lot #....: C7E160127	Work Order #....: JW2NK1DQ-MS	Matrix.....: SO
MS Lot-Sample #: C7E160127-001	JW2NK1DR-MSD	
Date Sampled....: 05/15/07	Date Received...: 05/16/07	MS Run #.....: 7137253
Prep Date.....: 05/17/07	Analysis Date...: 05/18/07	
Prep Batch #....: 7137436	Analysis Time..: 20:44	
Dilution Factor: 1		

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>LIMITS</u>	<u>METHOD</u>
Aroclor 1016	86	(10 - 183)			SW846 8082
	86	(10 - 183)	0.19	(0-39)	SW846 8082
Aroclor 1260	90	(25 - 143)			SW846 8082
	89	(25 - 143)	1.2	(0-34)	SW846 8082

<u>SURROGATE</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>
Tetrachloro-m-xylene	94	(31 - 127)
Decachlorobiphenyl	94 102 100	(31 - 127) (23 - 141) (23 - 141)

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Bold print denotes control parameters

Results and reporting limits have been adjusted for dry weight.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C7E160127
Date Sampled....: 05/15/07

Date Received...: 05/16/07

Matrix.....: SO

<u>PARAMETER</u>	<u>PERCENT RECOVERY</u>	<u>RECOVERY LIMITS</u>	<u>RPD</u>	<u>RPD LIMITS</u>	<u>METHOD</u>	<u>PREPARATION-ANALYSIS DATE</u>	<u>WORK ORDER #</u>
MS Lot-Sample #: C7E160127-001 Prep Batch #....: 7136252							
Silver	93	(75 - 125)			SW846 6020	05/17-05/28/07	JW2NK1A9
	91	(75 - 125) 2.5 (0-20)			SW846 6020	05/17-05/28/07	JW2NK1CA
		Dilution Factor: 1					
		Analysis Time...: 17:24					
		MS Run #.....: 7136138					
Arsenic	91	(75 - 125)			SW846 6020	05/17-05/28/07	JW2NK1CE
	84	(75 - 125) 4.9 (0-20)			SW846 6020	05/17-05/28/07	JW2NK1CF
		Dilution Factor: 1					
		Analysis Time...: 17:24					
		MS Run #.....: 7136138					
Beryllium	89	(75 - 125)			SW846 6020	05/17-05/28/07	JW2NK1CJ
	84	(75 - 125) 5.7 (0-20)			SW846 6020	05/17-05/28/07	JW2NK1CK
		Dilution Factor: 1					
		Analysis Time...: 17:24					
		MS Run #.....: 7136138					
Cadmium	91	(75 - 125)			SW846 6020	05/17-05/28/07	JW2NK1CN
	87	(75 - 125) 4.0 (0-20)			SW846 6020	05/17-05/28/07	JW2NK1CP
		Dilution Factor: 1					
		Analysis Time...: 17:24					
		MS Run #.....: 7136138					
Chromium	114	(75 - 125)			SW846 6020	05/17-05/28/07	JW2NK1CT
	100	(75 - 125) 10 (0-20)			SW846 6020	05/17-05/28/07	JW2NK1CU
		Dilution Factor: 1					
		Analysis Time...: 17:24					
		MS Run #.....: 7136138					
Copper	99	(75 - 125)			SW846 6020	05/17-05/28/07	JW2NK1CV
	95	(75 - 125) 3.1 (0-20)			SW846 6020	05/17-05/28/07	JW2NK1CW
		Dilution Factor: 1					
		Analysis Time...: 17:24					
		MS Run #.....: 7136138					
Nickel	100	(75 - 125)			SW846 6020	05/17-05/28/07	JW2NK1C9
	96	(75 - 125) 3.5 (0-20)			SW846 6020	05/17-05/28/07	JW2NK1DA
		Dilution Factor: 1					
		Analysis Time...: 17:24					
		MS Run #.....: 7136138					

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MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C7E160127
Date Sampled....: 05/15/07

Date Received...: 05/16/07

Matrix.....: SO

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	METHOD	PREPARATION-	WORK
					ANALYSIS DATE	ORDER #
Lead	112	(75 - 125)		SW846 6020	05/17-05/28/07	JW2NK1DC
	112	(75 - 125) 0.13 (0-20)	0.13	SW846 6020	05/17-05/28/07	JW2NK1DD
			Dilution Factor: 1			
			Analysis Time...: 17:24			
			MS Run #.....: 7136138			
Selenium	88	(75 - 125)		SW846 6020	05/17-05/28/07	JW2NK1DE
	80	(75 - 125) 7.4 (0-20)	7.4	SW846 6020	05/17-05/28/07	JW2NK1DF
			Dilution Factor: 1			
			Analysis Time...: 17:24			
			MS Run #.....: 7136138			
Thallium	94	(75 - 125)		SW846 6020	05/17-05/28/07	JW2NK1DG
	92	(75 - 125) 2.5 (0-20)	2.5	SW846 6020	05/17-05/28/07	JW2NK1DH
			Dilution Factor: 1			
			Analysis Time...: 17:24			
			MS Run #.....: 7136138			
Antimony	65 N	(75 - 125)		SW846 6020	05/17-05/28/07	JW2NK1DJ
	66 N	(75 - 125) 1.0 (0-20)	1.0	SW846 6020	05/17-05/28/07	JW2NK1DK
			Dilution Factor: 1			
			Analysis Time...: 17:24			
			MS Run #.....: 7136138			
Zinc	90	(75 - 125)		SW846 6020	05/17-05/28/07	JW2NK1DN
	86	(75 - 125) 3.0 (0-20)	3.0	SW846 6020	05/17-05/28/07	JW2NK1DP
			Dilution Factor: 1			
			Analysis Time...: 17:24			
			MS Run #.....: 7136138			

MS Lot-Sample #: C7E160127-001 **Prep Batch #....:** 7157020

Mercury	107	(75 - 125)		SW846 7471A	06/06/07	JW2NK1DT
	105	(75 - 125) 1.7 (0-20)	1.7	SW846 7471A	06/06/07	JW2NK1DU
			Dilution Factor: 1			
			Analysis Time...: 10:15			
			MS Run #.....: 7157011			

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

Results and reporting limits have been adjusted for dry weight.

N Spiked analyte recovery is outside stated control limits.

MATRIX SPIKE SAMPLE EVALUATION REPORT

TOTAL Metals

Client Lot #....: C7E160127

Date Sampled....: 05/14/07

Date Received...: 05/17/07

Matrix.....: WATER

PARAMETER	PERCENT RECOVERY	RECOVERY LIMITS	RPD	RPD LIMITS	METHOD	PREPARATION- ANALYSIS DATE	WORK ORDER #
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MS Lot-Sample #: C7E170349-001 Prep Batch #....: 7152093

Mercury	110	(75 - 125)		SW846 7470A		06/01/07	JW7EC1AJ
	112	(75 - 125)	1.8 (0-20)	SW846 7470A		06/01/07	JW7EC1AK

Dilution Factor: 1

Analysis Time...: 11:54

MS Run #.....: 7152054

NOTE(S) :

Calculations are performed before rounding to avoid round-off errors in calculated results.

SAMPLE DUPLICATE EVALUATION REPORT

General Chemistry

Client Lot #....: C7E160127

Work Order #....: JW2NK-SMP

Matrix.....: SO

Date Sampled....: 05/15/07

Date Received...: 05/16/07

JW2NK-DUP

% Moisture.....: 7.9

<u>PARAM</u>	<u>RESULT</u>	<u>DUPLICATE</u>	<u>UNITS</u>	<u>RPD</u>	<u>RPD</u>	<u>LIMIT</u>	<u>METHOD</u>	<u>PREPARATION-</u>	<u>PREP</u>
								<u>ANALYSIS DATE</u>	<u>BATCH #</u>
Percent Solids	92.1	92.3	%	0.21	(0-20)	MCAWW	160.3 MOD	SD Lot-Sample #: C7E160127-001 05/16-05/17/07 7136243	
		Dilution Factor: 1					Analysis Time...: 13:01	MS Run Number...: 7136132	